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TRADE INDORSES HOOVER'S VIEWS ON ARBITRATION

President When Secretary of Commerce Ranked It High in Efficiency

PRESENT SUCCESS DUE TO MERGER OF EFFORT

In Four Years Seed Planted by Seven Men Has Bestowed Its Fruit in Good Will

This is the first of four articles on commercial arbitration.

By FRANCES KELLOR
First Vice-President of the American Arbitration Association.

"I have been for many years of the conviction that the arbitration of commercial disputes in place of avoidable litigation is an agency of the first rank in the promotion of business efficiency."

When Mr. Hoover, then Secretary of Commerce, wrote these words three years ago in the foreword to the first American Year Book on Commercial Arbitration, neither he nor the men associated in its publication could possibly have foreseen that they were laying the foundation of a new system of organized arbitration and that one day it might extend across the seas through the great channels of foreign trade.

But such has happened. The conviction of this great engineer and builder has been put into operation throughout the United States. And so quietly and effectively has it been done that the gradual withdrawal of business controversies from courts and the maintenance of peace at its own fireside has scarcely been recognized as one of the great achievements of organized business.

This achievement began in 1926, when seven men—Anson W. Burchard, Henry Ives Cobb, Lucius R. Eastman, John F. Fowler, James H. Post, Frank H. Sommer and Felix M. Warburg—effected a merger of the leading national arbitration organizations in the United States. By this act they initiated a series of affiliations and combinations which has now become a consolidated system, covering the remotest corners of the United States and embracing nearly every industry. They are the founders of an institution of peace which in time may well become the solid foundation upon which will rest assurances of friendship and good will among nations, for which the world is waiting, and for full and practical realization.

The Past They Saw

These seven men saw enlightened business leaders struggling with the problems of self-regulation in their industries; they witnessed the passing of the muckraker and the dawn of ethical codes of practice in business; they knew the burden which litigation laid upon business and

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Chicago Bankers Outline Basis for Additional Loans

Special from Monitor Bureau

CHICAGO—Banks of Chicago are willing to lend more money to local government here to help it over its penniless period, according to information received from the best banking authority.

However, the uncertainties have become so unusual, due to the unprecedented delays in collection of taxes, that bankers ask unusual safeguards, it is stated. If the official heads of the different branches of local government here get together, they say, ascertain their needs to keep essential services going, and settle how this sum shall be spent, the banks will feel they say that they are in position to find out how much they have available to lend, learn what can be expected of big taxpayers, and come to an understanding with public officials.

This briefly is the basis on which help can be obtained from Chicago banks, as outlined by one of the leading bankers of the city. Chicago banks have already lent a large share of the money on which government has been recently carried on here. Reports that Chicago bankers would lend the city and county no more money were contradicted by this bank official. He declared that local banks had never taken that position.

The city has started paying bills in scrip. A contractor has taken $40,000 of tax warrants, and it is stated that others who have bills and wish to take warrants in payment will be accommodated.

GEOGRAPHIC SOCIETY MEDAL GOES TO BYRD

CHICAGO (AP) — Rear Admiral Richard E. Byrd has been chosen to receive the gold medal of the Geographic Society of Chicago for his contribution to geography resulting from discoveries in the antarctic regions and his flight to the south pole, George B. Utley, president of the society, announced on Feb. 6.

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French Air Minister Reviews Year's Progress

M. LAURENT-EYNAC Keystone

French Attain Leading Place in Aeronautics

Many Records Achieved in Various Lines—Service Extending Rapidly

By Cable from Monitor Bureau

PARIS—Voting by the Chamber of Deputies of an air budget for 1930 amounting to 2,000,000,000 francs (about $80,000,000) of which approximately four-fifths will be expended for naval and military aviation has occasioned general stock-taking of France's present position in aeronautical affairs.

M. Laurent-Eynac, Minister of Air, has reviewed recent accomplishments, both technical and commercial. French airplane motors, the Minister says, are highly esteemed throughout the world and are used in several armies and on numerous commercial foreign airlines. Work of M. Clerget, French engineer, in devising after ten years' experiments, a motor using heavy fuel is highly praised. France is reported to be the only country now holding two of five great air records for duration, distance, altitude, speed, and speed combined with weight. Of less important records Germany holds 32, with 22.

Outlining the accomplishments of the Air Ministry since its establishment a little more than a year ago, M. Laurent-Eynac stressed the unification which it has been able to accomplish in the aeronautical industry. The work of M. Caquot, director-general of the technique of aviation, is highly praised. Two outstanding features of the Air Ministry's program are consolidation of the industry in large units for reasons of efficiency and economy and geographical decentralization for the sake of military security.

Concentration Obtained

Concentration has been accomplished to the extent that two large organizations now supply almost half of the country's air needs. The industry is now confined principally to the immediate vicinity of Paris and such a situation is considered strategically unwise in case of foreign attack. The Government is attempting to encourage large production units in other sections of France even at the cost to the state of 400,000,000 or 500,000,000 francs.

The Government now makes a practice of ordering model planes from various manufacturers. The wide range of models already ordered include 30 types of military airplanes or hydroplanes, 30 types of commercial airplanes or hydroplanes, 12 types of colonial planes, five types of planes for long flights, and 18 types of motors. Some motors ordered have been of 700 to 1000 horsepower, but others have been only 100 or 200.

The Government's project to establish its own workshop for construction of model planes is severely criticized by private manufacturers. Although it is hoped to commence this state industry on a small scale and the first appropriation amounts

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'Burdensome' Terms of Radio Pool Draw Senator's Vigorous Protest

Committee Investigates Charge of Press Wireless of Exorbitant Rates Demanded by R. C. A.—Action Under Anti-Trust Law Debated

Special from Monitor Bureau

WASHINGTON—With the threat of dissolution hanging over the head of the radio patent pool, led by the Radio Corporation of America, William A. Winterbottom, vice-president of the corporation, was sharply criticized by Burton K. Wheeler (D.), Senator from Montana, for the burdensom terms of his proposed licensing arrangement with Press Wireless, Inc.

The latter company is composed of a group of newspapers seeking to establish independent radio communications service with Europe, and Mr. Wheeler charged that R. C. A. is attempting to dictate its rates and management through the threat of its patent monopoly.

The testimony of Mr. Winterbottom was a continuation of hearings before the Senate Interstate Commerce Committee on Feb. 6. Earlier in the day the committee received word that the Department of Justice is considering action against the so-called "radio trust" composed of Radio Corporation of America, American Telephone & Telegraph Company, General Electric, Westinghouse, and United Fruit Companies.

Mr. Wheeler based his criticism of the proposed R. C. A. contract with Press Wireless Inc., on three grounds: That it required Press Wireless to pay an exorbitant royalty of 7½ per cent on all messages sent; that it required Press Wireless to charge rates to yield a "reasonable profit," and finally, that it likewise limited the control of Press Wireless in other directions. Mr. Wheeler recalled that Joseph Pierson, executive for Press Wireless refused to sign this contract on the ground that it was "exorbitant."

Reasonable Profit Questioned

"You wanted to make it as burdensome for a potential competitor as possible?" asked Mr. Wheeler.

"No, we wanted to get a full use from our patents," Mr. Winterbottom answered.

"Well, why did you insist that Press Wireless set rates to return a 'reasonable profit'?" demanded the Senator.

Mr. Winterbottom said the press group sought to make the organization a nonprofit-making mutual concern, and that in this case R. C. A. could not have obtained its 7½ per cent royalties for renting its apparatus.

"What right has R. C. A. got to dictate to the press groups what rates it shall charge?" asked Mr.

(Continued on Page 4, Column 1)

POUND UPHOLDS HOOVER BOARD'S DRY LAW ADVICE

Harvard Dean Cites Rules for Increase in Power of Commissioners

Special from Monitor Bureau

WASHINGTON — Argument was presented to the House Judiciary Committee Feb. 6 in support of the recommendation of the National Crime Commission to extend the scope of United States commissioners in dealing with certain classes of offenses. Roscoe Pound, dean of the Harvard law school, and a member of the Crime Commission, speaking at the request of George W. Wickersham, chairman, told the committee that the proposal for extending the authority of United States commissioners did not contemplate "new and unheard-of procedure," but instead was in complete accord with long established practice, both in state and federal jurisprudence.

Dean Pound cited seven statutory provisions relating to offenses in federal parks, reservations and highways, which he declared have been on the law books for many years and have been upheld by the United States Supreme Court, as already giving United States commissioners the authority sought for them in the general law enforcement field.

"The commission," Dean Pound declared, "has not embodied a suggestion in its report that hasn't behind it the experience and practice of state and federal courts."

Three Methods Considered

Three expedients presented themselves, Dean Pound said, relative to the problem of relieving court congestion: increasing the number of federal district courts, setting up federal "police" courts, and making use of the existing machinery. For what were deemed sound reasons, which he briefly touched upon, the commission, Dean Pound said, decided to use the third method.

Agreed on the desirability of extending the authority of United States commissioners, the problem, Dean Pound explained, then arose of how to do so without actually making judges of these officers, how to restrict the practice of trial by jury without at the same time encroaching on fundamental rights, and how to define petty or minor offenses to cover the enlarged jurisdiction of the commissioners.

The United States Supreme Court, Dean Pound declared, by explicit decision has ruled that in petty cases trial by jury is not required. Like-

(Continued on Page 2, Column 4)

TEXTILE FIRM GIVES WORKERS $400,000 BONUS

Amoskeag Also Pays Equal Amount to Holders of Common Stock

MANCHESTER, N. H. (AP)—The Amoskeag Manufacturing Company announces a gift of approximately $800,000 to employees and holders of its common stock. The trustees voted to give a 5 per cent bonus on the year's earnings to all employees in good standing for the full year of 1929 and to pay $1 a share to holders of common stock. The payments will be made from the company's earnings.

mon stock and between 8000 and 10,000 workers who will share in the gift. The bonus to workers, not including the payment to stock holders, will reach $400,000, it was estimated. The payments are to be paid on or before May 1.

The action was a distinct and pleasant surprise in the textile industry as the Amoskeag Company, which is the largest manufacturer of cotton cloth in the world, has not paid a dividend since August, 1924. The present capitalization of the company was effected in November, 1927, through retirement of preferred stock and issuance of bonds. Common shareholders of the old Amoskeag Company for each common stock received $52 in cash, $40 in 6 per cent bonds and one common share of Amoskeag Manufacturing.

Turks May Postpone Public Debt Payment

By Radio to The Christian Science Monitor

BEYOGLU, Turkey—The report that the Turkish Government intends to demand postponement of payments on the public debt and Anatolian Railway coupons appears to be confirmed by a somewhat mysterious telegram from Angora, published by a semiofficial organ Feb. 6.

While on the one hand the telegram expressed surprise that such an intention on the part of Turkey should be given credence abroad, especially as all payments on coupons up to May next have already been met, on the other hand, it declares that now that the measure has apparently been envisaged by financial circles in Europe as necessary to stabilize Turkish currency, the Turkish Government will not hesitate to have recourse to such steps, should it consider that the situation justifies them.

The telegram thus appears to suggest that such a move would never have been thought of had the Government not received a hint from abroad. The report now current is that Turkey will demand a five years' moratorium for the coupons.

BELGIAN RADICALS ASK SOVIET RECOGNITION

By Radio to The Christian Science Monitor

BRUSSELS — Emile Vandervelde, Socialist leader, has demanded, in the name of his party, the resumption of diplomatic relations with Russia during the debate on the budget in the Chamber on Feb. 6. He declared that those countries which have taken this step had had no cause for complaint.

The Government's reply will be given at a later stage of the debate, and it is expected to be a refusal to consider the proposal.

SPINNERS TO BALLOT ON PRODUCTION CUT

MANCHESTER, Eng. (AP)—Spinners in the American cotton section are planning to take a ballot on a proposal to curtail production by 13 hours weekly for eight weeks.

Snow Sculptures Make Fairyland for Dartmouth's Winter Carnival

Special to The Christian Science Monitor

HANOVER, N. H. — Transformed into a veritable fairyland of ice and snow, Hanover, on Feb. 7 saw the twentieth annual Dartmouth College winter carnival reach the high point of a festive week-end.

With the clear winter air at one of the lowest temperatures in the history of the carnivals, Hanover found conditions ideal for the competitive sports which have drawn showshoers and skii men from nine leading American and Canadian colleges.

A colorful background was provided for the festivities. Prominent in front of each fraternity house is some form of snow sculpture, while on the Dartmouth campus an ice tower in the form of a metropolitan skyscraper rises to a height of 40 feet, illuminated at night by a flood of green light.

Nearly 600 girls are guests of the Dartmouth students. Individual programs for their entertainment have included old-fashioned sleigh rides into the country, while the more daring donned skiis or snowshoes for trips into the Hanover hills.

On the opening night of the festival, amid a beautiful medieval setting on Occom Pond, a crowd of 3000 watched a colorful historical panorama by members of the Dartmouth Outing Club. The players and glee club staged a musical extravaganza, depicting the epic figures in Dartmouth history, such as Daniel Webster, Eleazer Wheeler and Richard Hovey. Here, high on the parapet of a huge ice castle, which was a replica of Lord Dartmouth's in England, Miss Jeanette Ross of Maplewood, N. J., was enthroned as Queen of the Snow.

After the presentation of the extravaganza, there was dancing on the ice, the guests wearing moccasins as in the old Indian days. Music came from amplifiers situated above the pond.

The Dartmouth players, headed by J. Walker Wiggin '30, are to present "Exit Smiling," a student-written musical comedy, following which the annual carnival ball will be held in the gymnasium, Feb. 7. This year the Outing Club, of which Winslow Hatch '30 is president, has chosen a chorus setting of the '90's for the decorations.

BRITISH PRESS WELCOMES U. S. NAVAL SCHEME

Stimson's Statement Offers Acceptable Basis, The Times Says

By Cable from Monitor Bureau

LONDON—The United States' new naval proposals as announced by Henry L. Stimson on Feb. 6 have swept away clouding arguments and technical minutiæ and brought the people of Great Britain face to face with what is confidently hoped, if arrangements with the other naval powers can be made to correspond, may prove to be an end to Anglo-American naval competition.

The Daily Herald, the Government organ, says that the proposals are "so closely in accord with the general policy of the Government and constitute so natural a development of the Rapidan agreement that it seems certain that any rate in the main they will be accepted."

Other authorities are also hopeful though Ramsay MacDonald has declined to express any opinion as yet. "These proposals," he said, "are still in the process of examination and until that is complete I cannot say anything about them."

Wilson Harris, secretary of the League of Nations Union says in the Daily News that the scheme "confirms and completes in every point the agreement of last summer."

The Times says that the details will require a careful examination and it may be some readjustment, but it seems at first sight to offer a basis acceptable to both countries. At all events no time will be lost in giving it a welcome, both for its own candid merits and because it promises to give a much-needed impulse to the work of the conference."

Hector Bywater, naval expert, says in the Daily Telegraph: "There can no longer be any question of America's resolve to make a drastic cut in its naval armaments, and it is but fair to add that in the American plan as now foreshadowed the special requirements of the British Empire have not been ignored."

The Daily Chronicle describes the proposals as a "definite step forward," and the Daily Mail says they are "the most important achievement of the naval disarmament conference."

Soviet to Abandon Historic Fair at Nizhni-Novgorod

MOSCOW — A significant straw showing the present direction of Soviet economic winds, is the decision to abolish the traditional Nizhni-Novgorod fair, just announced here. This annual institution, which lapsed during the period of military Communism, was revived in 1922, which was the first year of the effective establishment of the New Economic Policy, and since then has served as an exchange and market for state-manufactured goods, nuts, dried fruits and other Eastern products, and handicraft work of Russian artisans.

The decision to abolish it may be attributed to the fact that private trade at the present time has shrunk to negligible dimensions and the fair was not needed for transactions between state and co-operative organizations.

The Government within a month will take the property attached to the fair, which consists chiefly of a large number of warehouses and other buildings on a low-lying tongue of land between the Volga and the Oka Rivers. During the period of military Communism these buildings were largely ruined because people took the stones and wood for building material and fuel, but this second liquidation of the fair will doubtless assume a more orderly character.

SHEFFIELD ELECTION CUTS LABOR'S MARGIN

By Radio from Monitor Bureau

LONDON—Parliamentary election in the Brightside division of Sheffield resulted in the Government candidate retaining his seat but by so greatly reduced a majority as to cause some concern to the Labor Party. The votes cast for candidates representing other parties, however, was also materially smaller than in the general election, this being especially the case with the Liberal who obtained only 3650 compared to 6612 last summer, and the Communist who did so badly as to have to forfeit a deposit, owing to his failure to gain one-eighth of the total poll.

The Conservative who preached protection for the depressed Sheffield steel industry came off least badly, but even he received 1200 votes fewer than nine months ago.

LEAGUE COMMITTEE REJECTS CECIL PLAN

By Cable to The Christian Science Monitor

GENEVA—The proposal of Viscount Cecil of Chelwood to promote directors of sections of the League of Nations' Secretariat to the position of undersecretaries has been rejected by a committee appointed to consider the working of the Secretariat.

Germany, Italy and Japan strongly opposed this scheme on the ground that it would diminish the importance existing office undersecretary. Lord Cecil's idea was to give smaller powers more equal representation in the higher ranks of the Secretariat and prevent these appointments from becoming too political. Four existing undersecretaryships are held by Germany, France, Italy and Japan.

ANGLO-AMERICAN AGREEMENT AS BASIS OF NAVAL EQUALITY SPELLS END OF COMPETITION

American and British Statements Foresee the Eventual Abolition of Battleships and Submarines

* * *

Americans See Points in British Announcement Which Will Need to Be Discussed—Elimination of Competition in Naval Armaments to Aid in Establishing Peace

* * *

Within a comparatively short time of each other, the American and British delegations to the naval conference in London issued statements which go far to advance the objects of the conference, namely, the limitation and reduction of naval armaments. Although the phraseology differs somewhat, the British document is regarded as substantially an acceptance of the points advanced by Mr. Stimson.

MacDonald's Statement

LONDON (AP)—The officially declared policy of the British Government for the London conference as agreed to by the British Dominions and the Government of the United Kingdom, was issued by Ramsay MacDonald, Prime Minister, on the afternoon of Feb. 7 featuring the ultimate abolition of battleships and submarines and the limitation of cruisers and other categories.

The text of the statement, which presented the British viewpoint, just as Mr. Stimson's statement presented the American, was as follows:

"His Majesty's Government in the United Kingdom considers the naval conference of supreme importance. It believes the conference ought not only to reduce existing fleets and building programs, but put an end finally to competition in naval armaments and thus constitute an important step toward the ultimate elimination of the causes of war and toward establishment of peace on an unassailable foundation.

"The policy of His Majesty's Government in the united kingdom is to keep the highway of the seas open for trade and communication and, in relation to the political state of the world, to take what steps are necessary to secure this. In estimating its naval needs, the Government has also to take into account its obligations under the covenant of the League of Nations, partly offset though they are by the security afforded under the covenant by its provision of mutual support.

"There are also other commitments which have to be fulfilled in relation

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Stimson's Statement

LONDON (AP)—Mr. Stimson's statement follows:

At the opening of the conference the United States delegation made no statement of its position nor the needs of its country beyond the historical fact of the agreement in principle for parity between Great Britain and the United States. We are now in a position where we can go further. Following discussions among ourselves and negotiations with the British and Japanese which have clarified the limits of possible agreement, our delegation has made suggestions as follows:

First: With Great Britain, immediate parity in every class of ship in the navy. The gross tonnage of these two fleets is substantially 1,200,000 tons apiece. The negotiations last summer between President Hoover and Prime Minister MacDonald practically reduced the discussions of parity between them to the comparatively insignificant difference in their respective cruiser class tonnage of 24,000 tons. We propose to settle this difference as follows:

Under our suggestion the actual tonnage difference between the two cruiser fleets will be only 12,000 tons. Of the larger cruisers armed with eight-inch guns, Great Britain will have 15 and the United States 18, an advantage to the latter of 30,000 tons.

Option of Duplication

Of the smaller cruisers armed with six-inch guns, Great Britain will have an advantage of 42,000 tons, but beyond this, in order to insure exact equality of opportunity in regard to cruisers each country will have the option of duplicating exactly the cruiser fleet of the other. Thus, Great Britain would have the option, by reducing its number of small cruisers, to increase its large cruisers from 15 to 18, so as to give it a total tonnage of 327,000 tons, the exact amount of tonnage which the United States now asks. On the other hand, the United States would have the op-

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Gaps Left in Rapidan Conversations to Be Closed by New Accord

BIG NAVAL PROBLEMS ON ROAD TO SOLUTION

Abolition of Submarine Urged or a Limitation of Its Operations

By ERWIN D. CANHAM
By Cable from Monitor Bureau

LONDON—The threat of competition in naval building between Great Britain and the United States is now reduced to nothingness by the terms of a complete and detailed basis, on which equality of the two navies may be established. This gratifying accord was revealed in an announcement by Henry L. Stimson, which was received with whole-hearted approval in British official circles. The full magnitude of the announcement is hardly perceptible to those who always considered Great Britain and America the closest of friends between whom war is unthinkable.

But competition did begin after the war along the very same deadly lines as had prevailed between England and Germany in the first years of this century and following the abortive Geneva conference of 1927, cruiser competition offered an ugly threat. Even the Rapidan agreement, concerted so happily between President Hoover and Ramsay MacDonald last October had appreciable gaps.

But now England and America agree not only "in principle" but in full detail. Indeed those practical idealists who are working for peace all over the world may now permit their hopes and anticipations to rise to the highest levels. Now in a clear, unrhetorical statement, Mr. Stimson with the full approval of Mr. Hoover cuts straight through tangled technicalities which brought about the failure of the Geneva conference of 1927 and threatened to render sterile the common sense and clear vision of the statesmen here who are engaged in building up a realistic naval agreement.

The Equilization of Fleets

The new American proposal pro-

1. Balancing of battleships by reducing the two fleets to the same level in 1931 instead of 1942. This may mean the scrapping of five ships by Great Britain, three by the United States and one by Japan. It may, however, mean the scrapping of many more, the extent to be gauged only by the progress made possible in London in the other categories.

2. Concerning cruisers, the United States to have 18 of 10,000 tons, each mounting eight-inch guns, and Great Britain 15, thus giving America 30,000 tons advantage. This superiority is to be equalized by giving England 42,000 tons advantage in cruisers under 10,000 tons with six-inch guns. Thus far the new American proposal follows the lines of the Rapidan agreement been Mr. Hoover and Mr. MacDonald last October. But at exactly this point a stroke of genius comes in.

America proposes that in order to insure exact equality of opportunity in regard to cruisers each country will have the option of duplicating exactly the cruiser fleet of the other. Thus Great Britain by reducing its small cruisers might increase its large cruisers from 15 to 18. Or the United States by reducing its large cruisers from 18 to 15 might build up its small cruisers to the exact British level.

Question of Submarines

3. The American proposal concerns submarines and it is said that failing to secure the abolition of all undersea craft, a treaty must be made limiting the operation of submarines to the same rules of international law that limit an attack by surface craft on merchant ships so that safety is always provided for the passengers and crew.

Here in the barest outline are the concrete American proposals. Many of them have been well known for some time and their official pronouncement was confidently expected. Others are entirely, indeed inspiringly novel. First it will be noted that the United States definitely abandons its claim to 21 10,000-ton cruisers. This was anticipated but it is encouraging all the same.

Then the proposal that each country has the option of acquiring direct cruiser equality with the other is hailed everywhere in London as a brilliant contribution. Indeed, some members of the American delegation, who are most keenly aware of the problems presented in the ratification of any treaty by the United States Senate, are agreed that this simple provision will be a tower of strength when the matter arrives at Capitol Hill. As regards the third naval power, Japan, Mr. Stimson's statement is extremely cautious, but in its very caution reveals high expectations.

Japanese Ratio Increase?

The exact words are that "in conformity with our relations in the past, it (the suggestion to Japanese) is not based upon the same ratio in every class of ships." Thus apparently America will not object to an increase in the Japanese navy above the 5-5-3 ratio in certain lines. Perhaps Japan is to have more cruisers, and certainly Japanese demands for a large submarine strength must be reckoned with. A direct announcement may soon be expected.

Mr. Stimson's statement that submarine warfare should be "human-

Fletcher Appointed for Haitian Survey

Special from Monitor Bureau

WASHINGTON—President Hoover has recalled into public service, to deal with a difficult international problem, one of the nation's most distinguished and respected diplomats, Henry P. Fletcher, of Pennsylvania. The former envoy to Italy has accepted the Executive's request to become a member of the commission he is sending to Haiti to survey conditions there, with the purpose of formulating a program looking to eventual withdrawal of American military forces.

Mr. Fletcher brings to this task a wealth of experience in Latin-American affairs. As a career man in the foreign service he served in Cuba as a junior diplomat and later as a member of the American delegation to the Pan-American conference in Havana in 1928. He was appointed Minister to Chile in 1909 and was later raised to rank of Ambassador to the same country. In 1914 he was appointed Ambassador to Mexico where he served until 1916 when he resigned to become Undersecretary of State.

Two years later he was dispatched as Ambassador to Belgium and in 1924 transferred to Italy, where he represented his country until he retired from public service on his own request in 1929.

Making History Live

A Montana high school class actually followed the Lewis and Clark trail running through their town, compared notes and pictures with accounts in history books, and found that they had re-lived an adventure of two pioneers which took place a century and a quarter ago. The originator of this plan tells how similar methods can be applied to other events in history, on the Educational Page

Tomorrow

Automatic Looms Gain in Lancashire

By Cable from Monitor Bureau

LONDON — The way has been cleared for a wide expansion in the use of automatic looms in Lancashire by an agreement announced Feb. 7 between employers, as represented by the Cotton Spinners' and Manufacturers' Association, and workers' included in the Weavers' Amalgamation, with a membership of 163,000.

This agreement removes the hitherto existing trade union restrictions upon the number of automatic looms which may be operated by one weaver. It also fixes the basis of wages. At present there are 600,000 looms in Lancashire, of which only about 30,000 are automatic.

The agreement just reached only awaits ratification by a general vote of the Weavers Amalgamation to be put into operation. It removes a difficulty which has hitherto retarded the adoption of machines which are expected appreciably to reduce the cost of cotton weaving in Lancashire.

Victory Tribute Erased in Stresemann's Honor

BERLIN (AP)—The name of a great German military victory has been erased from the street map of Berlin to make room for a tribute to the memory of a peacemaker of modern Germany—the late Foreign Minister, Dr. Gustav Stresemann.

Königgrätzer Street, which for more than half a century has reminded Germans of the defeat of Austria in the battle of Königgrätz, has been changed by official decree to Stresemann Street.

The thoroughfare is familiar to many travelers as the street on which two of Berlin's principal railway stations face.

232 INDICTED IN DRY CLEAN-UP IN ALABAMA

MONTGOMERY, Ala. (AP)—A federal grand jury, reporting to Judge W. I. Grubb of Birmingham here, Feb. 7, returned indictments against 232 persons for violating the national prohibition statutes in one form or another.

Government agents described the result of the investigation as "the most sweeping liquor clean-up in the history of the prohibition law in this district of Alabama."

led so far as possible anticipates a similar proposal from the French, but in exactly which quarter the initiative arises is not particularly significant, except that since the French Chamber once rejected this proposal, perhaps it would be better to allow André Tardieu to take the initiative on this occasion.

It will be seen that the American suggestions will bring about a considerable reduction in fleets, as Mr. Hoover and Mr. MacDonald have always urged. Battleships are to be cut drastically. Destroyers and submarines may also be reduced materially. On cruisers the United States may build up if she is to reach the level suggested, but naturally there is no compulsion upon America to build. Perhaps the splendid atmosphere in London will permit the postponement indefinitely of much American building. With the American suggestions before them the delegates to the conference are saying, so far so good.

Desire to Expedite Work

But a tri-partite agreement between England, Japan and the United States is not the goal. Rather everyone wishes a five-power pact and the American proposals have been made partly to show American desire to expedite the work in London and partly to sweeten the whole atmosphere here. The great problem now remains of working out a similarly satisfactory basis between England, France and Italy.

The question of a compromise on a global and category tonnage method here enters the picture, for this offers a middle way for bringing the continental powers into the treaty. At the recent meeting of the first committee a good deal of progress was made in adjusting the views of Japan, the United States and Great Britain on the one hand and France and Italy on the other. In responsible circles it is felt an agreement which has always hovered just round the corner has now been captured. The views are in accord on the new list of categories and the limitation of transfer from one to another, but the question whether light cruisers and destroyers are to be merged together is still open.

A special expert subcommittee met on the morning of Feb. 7 and drew up in parallel columns a statement showing exactly how the difference would work out. Probably the wishes on both sides to the controversy will be recognized and two different methods of limitation approved by the treaty.

Situation in a Nutshell

This then is a picture of the London scene today: England and America are in complete accord and Japan apparently hovering on the verge of agreeing with most of the accord. But all three powers are determined above all to avoid the impression of their making an arrangement from which France and Italy are excluded. The Anglo-American understanding is purely in order to facilitate the general work of the conference. It now remains to bring France and Italy within the fabric of the treaty.

They will be asked and expected to present a statement of their minimum defense requirements between now and 1936. Then these estimates will be fitted into the Anglo-American, and expected Japanese, agreement along the lines now announced. Whatever happens in this regard, however, the world does well to remind itself that already the whole problem which vexed the Geneva conference is apparently solved.

American diplomacy which came to London determined to play a rôle entirely new to American negotiators has in the opinion of the closest observers here achieved a triumph which is a triumph because it is equally acceptable to Great Britain and America alike and neither side should take credit. Contrary to the precedent in almost every other conference in which America has participated as a full-fledged member, the delegates waited and held their plans in reserve and allowed others to do the talking until the happiest, most appropriate and most helpful moment arrived.

Then the American delegates, simply and without giving the slightest impression of an ultimatum, revealed the program which would be enthusiastically accepted by all. In London they are saying the new diplomacy has succeeded.

Scrapping of Battleships to 15 Believed to Be Plan

SPECIAL FROM MONITOR BUREAU

WASHINGTON—Speaking for the Administration, the first official statement since the opening of the naval conference, Joseph P. Cotton, Acting Secretary of State, commented only to add a few words of elucidation to Henry L. Stimson's declaration. Mr. Cotton pointed out that the American proposal provides for tonnage parity by categories between Great Britain and the United States only, and does not directly relate to any of the other three participating powers.

Mr. Cotton also referred to the interchangeability of cruiser ratios between the United States and Great Britain in the American plan. His statement is as follows: "The statement clearly shows that the United States delegation has made a proposal which gives tonnage parity by categories between Great Britain and the United States. As to cruiser category, it is proposed that the United States have the right to build 18 large cruisers (three more than Great Britain) and in smaller cruisers a lesser tonnage than Great Britain. But if the United States wishes it is to have the option to build the same tonnage in larger cruisers as Great Britain, i. e., 15, and in the event can increase its small cruiser building to duplicate the Britain tonnage.

"As some naval observers here interpreted the statement, the United States proposes that it have 20 cruisers of the Omaha-Memphis class and 18 eight-inch gun ships of the Salt Lake City class, giving it 38 cruisers in all. Great Britain would have 15 eight-inch gun cruisers and a larger number of smaller cruisers than the United States.

"Should this agreement be entered into, the United States would build only 10 of the 15 10,000-ton cruisers recently authorized by Congress, but it would lay down an additional 10 six-inch gun ships of approximately 7000 standard tons.

"In the matter of battleships, it was believed that the American proposal was for both Great Britain and the United States to scrap down to the 15 ships each would be entitled to by 1932 under the terms of the Washington treaty. This would mean that Great Britain would scrap five of its older battleships and the United States three. That would bring about approximately tonnage parity as between the two main fleets.

"Although the Stimson statement was not clear on this point, it was assumed here this agreement would contemplate some scrapping of capital ships by Japan so as to retain the 5-5-3 ratio of such craft provided for in the Washington naval limitation treaty.

"The Stimson statement was also believed to indicate that the United States was prepared to accede to Japan in cruisers and other auxiliaries a greater ratio than that agreed on in battleships in 1922."

CHILE TO PROTECT INDIANS

SANTIAGO, Chile (By U. P.)—A law establishing five tribunals with power to pass on problems or questions affecting the Indians of Chile, was made effective Feb. 5. The law is intended to prevent exploitation of Indians by the whites.

UNITED STATES URGED TO SET PEACE EXAMPLE

Speakers From Britain at Philadelphia Plead for Disarmament

BY A STAFF CORRESPONDENT

PHILADELPHIA — The United States should prove the sincerity of its desire for world peace and set an example to other nations of the world by adopting a policy of total disarmament, and by uniting with all international agencies for the promotion of peace, speakers at a dinner here urged.

The speakers were A. Fenner Brockway of England, member of Parliament, chairman of the War Resisters International and a pacifist leader in the British Labor Party; Mrs. Caroline Lexow Babcock of the Women's Peace Union, New York, and the Rev. Edmund Chaffee, director of the Presbyterian Labor Temple, New York.

Mr. Brockway said there had been a remarkable change in public opinion in Europe on the war question since 1918; a change that has found expression in the various peace movements and institutions that are now regarded seriously, whereas before, they were regarded but lightly. These events, however, only partly explain the depth of anti-war feeling that is arising, "because," he added, "there is a growing demand that mankind must repudiate the method of war altogether, and this is reflected in demands for total disarmament and in decisions to resist future wars."

Disarmament Promised

Total disarmament demands, he said, are naturally strongest in the smaller nations. The Labor Government of Denmark was elected after the Labor Party placed total disarmament as the first plank in its platform, he declared. He expressed his belief that the measure will undoubtdly obtain a majority in the popular assembly although it may meet defeat by several votes in the second chamber.

"There is not the slightest doubt," he said, "that before many years are passed there will be majorities in both of the Danish houses for total disarmament and that the budget for war purposes will be entirely abandoned with the exception of a small expenditure for land and sea forces. What is happening in Denmark is symbolical of a strong movement in all of the Scandinavian countries, and in Holland, where the powerful Social Democratic parties are now advocating total disarmament.

"Even in Great Britain, an imperialistic power, the demand for total disarmament is steadily growing. Proposals have been introduced in the House of Commons for the last five years and a vote, averaging about 30, has been given in their favor. In Germany the antagonism to war is even more intensive and in the State of Saxony alone 250,000 signatures were obtained to a declaration refusing to take part in any war."

Many Refuse to Serve

Hundreds are in prison in all of the countries of Europe where compulsory military service remains, for refusing to enter such service, Mr. Brockway said. Opposition to such service is becoming so strong, he said, that most of the governments are introducing legislation providing some form of civil service as an alternative.

Mrs. Babcock urged the Nation to assert its power of example by adopting the Frazier resolution now before the United States Senate, amending the Constitution making war legally impossible.

"The bravest company of men ever landed on these shores came without guns or swords," she said. "They founded the colony of Pennsylvania and for 75 years they lived in peace, the friends and comrades of the Indians. Surely it will be easy for those who stand where William Penn once demonstrated the unqualified success of an unarmed people, to declare that this great Nation shall follow his sublime example and show the world that in the United States there still lives the imagination to blaze a new trail."

Mr. Chaffee said that the moral value of the United States taking the initiative by making war constitutionally illegal would be stupendous, showing American sincerity in regard to the Kellogg pact, setting an example which would unquestionably be followed by other nations and compelling righteous dealings with other lands.

American Women Pleased With Reception in London

SPECIAL FROM MONITOR BUREAU

NEW YORK—Pleasure in their reception at the London naval parley was expressed by the United States women representing the National Committee on the Cause and Cure of War in a cable received in New York City by Mrs. Carrie Chapman Catt, chairman of the committee.

Mrs. Edgerton Parsons and Miss Josephine Schain, who carried to England the request of the 11 national women's organizations sponsoring the Cause and Cure of War Committee for an effective reduction in armament, cabled as follows:

"Deputation great success. MacDonald, Stimson, Wakatsuki present. Genuinely welcomed."

POUND UPHOLDS HOOVER BOARD'S DRY LAW ADVICE

(Continued from Page 1)

wise, he said, the Supreme Court has held that what a United States Commissioner does is done by him as if he is an adjunct of the Federal Circuit Court.

"There is nothing anomalous or unheard of," Dean Pound declared, "in having United States Commissioners acting in cases involving deprivation of liberty. The Supreme Court has held that this was legal, and there are statutes giving commissioners this authority."

The sole problem in the matter, Dean Pound held, was to define what constitutes petty offenses. He argued that this could be done by fixing the penalties to not more than six months' imprisonment or $500 in fines.

"On the basis of the history of all the colonial statutes, state statutes and other statutes," he said, "it is reasonable and conservative to fix six months' imprisonment and $500 in fine as within the limits of what constitutes a 'petty' offense."

Dean Pound declared that the commission had decided against recommending outright withdrawal of trial by jury in minor cases because of a strong desire "to protect personal rights and dignity." To this end, he said, it proposed that the right of trial by jury should remain with the proviso that if the accused claimed that "privilege" that he should assume the responsibility that such a demand entailed, namely, that his case was more serious than a petty one.

Dean Pound emphatically denied that the problem of relieving the congestion of the courts arose out of the refusal of juries to convict. The commission, he said, found that in only two districts in the country was the Government confronted with a refusal of juries to convict on evidence. Congestion, Dean Pound declared, was caused by the broadening of federal interstate prohibitory acts, of which prohibition was only one, although a major one.

FRENCH ATTAIN LEADING PLACE IN AERONAUTICS

(Continued from Page 1)

to only 5,000,000 francs (about $200,000), private companies are apprehensive lest the future developments will result in the growth of the state industry as a rival to their establishments.

One of the principal technical problems to be overcome is the production of light alloys specially adapted to the construction of airplanes. The Government is encouraging experimentation along these lines and factories for the manufacture of these alloys are now being built.

Among the recent accomplishments of French aviation are included several flights carrying mail from Saigon, Indo-China, to Paris in 10 days, conclusion of air agreements with Spain, Germany, and Czechoslovakia, and postal agreements with Rumania, Poland, Hungary, Bulgaria and Turkey.

Co-operation with English air services between Europe and the East Indies via Bagdad and Rangoon has been assured. Agreements have been made with Siam and Italy for Far East services, with Belgium and Portugal for services to the Congo, and with Brazil, Paraguay, and Venezuela for services in South America. Air communication with the Congo is assured this year and with Madagascar in 1931.

The French airways have been provided with beacons for day and night flying and radio direction will be developed this year. The French planes on the Paris-London route are said to carry twice as many passengers as English liners because faster. Attempt will be made this year to standardize numerous types of planes and concentrate on a few models best adapted to principal needs. Concentration on all-metal planes is anticipated.

BRITISH ISSUE STATEMENT ON NAVAL POLICY

(Continued from Page 1)

a menace, an equilibrium must be maintained between them by means of international agreement. It feels, moreover, that this equilibrium will not be secured by mere numerical equality in ships and tonnage, but only by adoption of agreed programs based on considerations of requirements affecting dispersions, etcetera, and in which the menace will be reduced as much as possible.

"This cannot be done by any general formula or ratio. It must be the subject of conferences such as this, and of agreements made for periods at the end of which they should be reviewed, and during which governments should be engaged in strengthening the foundations of peace.

"It is therefore proposed that the general agreement resulting from this conference should run until 1936, and that in 1935 a further conference should be called to review the situation in relation to world relations.

"The Government hopes that there will be an exchange of views on this subject during the conference. Indeed, it would wish to see an agreement by which battleships will in due time disappear altogether, as it considers them a very doubtful proposition, in view of their size and cost, and of the development of efficacy of air and submarine attack.

"The Government would further limit the tonnage and gun caliber of aircraft carriers and suggests that ships of 10,000 tons and under should be included in the total tonnage of this category if used as aircraft carriers.

"It proposes a reduction of total aircraft tonnage for the British and United States navies from 135,000 tons under the Washington Treaty to (say) 100,000 tons and an adjustment of that assigned to other nations in the Washington Treaty's ratios. It further proposes that the maximum size of aircraft carriers should be reduced to 25,000 tons and that their age should be 26 years instead of 20.

Requirements of Commonwealth

"It was assumed during the recent conversation between the governments of the United States and Great Britain that cruisers should be grouped in one category, which in turn should be divided into cruisers carrying eight-inch guns and cruisers carrying six-inch guns and under. It was also assumed during the negotiations that the requirements of the British Commonwealth would consist of a total tonnage of 339,000, divided into 50 categories.

"In view of these considerations, His Majesty's Government in the United Kingdom suggests the following proposals for the conference:

"The agreement should be not upon global tonnage but upon the size of individual ships in the various categories and upon the tonnage used by each nation in each of these categories.

"The categories should be capital ships, aircraft carriers, cruisers, destroyers and submarines.

"An agreement by categories is necessary in order to obtain elimination of competitive building and the maintenance of equilibrium between fleet and fleet. These two points are essential if security is to be obtained. It is not only the total tonnage of a fleet which counts, but the use to which these tons are put, and an agreement on the latter point is called for.

Question of Transference

"At some time it might be convenient to allow a percentage of tonnage assigned to different categories to be transferred to other categories. The British Government, however, does not favor a general transfer. It is opposed to transfer in regard to capital ships, aircraft and submarines. In regard to cruisers, it would permit the transfer out of the eight-inch class into the six-inch class on a percentage which remains to be arranged. The object of this arrangement would be to take into account the special needs of countries which require a large proportion of small cruisers.

"The government proposes that the number of capital ships for each signatory fixed by the Washington treaty should be reached within 18 months of ratification of the treaty resulting from this conference instead of by 1936. It proposes that no replacement of existing ships should take place before the next conference in 1935 and that in the meantime the whole question of capital ships should be the subject of negotiation between the powers concerned.

"The Government will press for reduction though, of course, without disturbing the Washington equilibrium. Its experts fabor a reduction in size from 35,000 tons to 25,000 tons and of guns from 16 inches to 12 inches. The Government also favors a lengthening of age from 20 to 26 years.

"A final arrangement will be governed by the decision of the conference regarding limitation in the size of units. The British Government proposes that the tonnage limit of eight-inch cruisers should remain at 10,000 tons, as provided for in the Washington treaty, and there should be a tonnage limit for smaller vessels at about 6000 or 7000 tons. It suggests that only a fixed proportion in the latter class should be built up to that limit and that the life of cruisers should be 20 years.

Program for Destroyers

"In regard to destroyers, it is proposed that the limit assigned should be, for leaders 1850 tons, and for destroyers 1500 tons. The maximum size of guns for both classes of destroyers should be five inches. The present British building program of destroyers is for 2000 tons ultimately, but this can be reduced if the submarine programs of other powers are reduced, for it is obvious that the size and total tonnage of destroyers must largely depend upon the size and total tonnage of submarines.

"The Government proposes the abolition of submarines, its experts feel that the argument that the submarine is an arm solely of defense was destroyed by the experience of the late war, and that in war conditions it is an arm of attack. If abolition cannot be agreed upon, the British Government will put forward proposals limiting submarines rigidly to defense requirements.

"In any case, it will press for limitation of the submarine to the lowest possible limit, and it proposes to urge revival of the agreement, signed at Washington in 1922 but not ratified by all the signatory powers, which would regulate in the interests of humanity the use of submarines against merchant ships.

"In regard to auxiliary vessels not strictly entering into fleet strength, the Government proposes that they should be specified and that each government should publish yearly lists of vessels of this class in commission or laid down."

U. S. ISSUES STATEMENT ON NAVAL PARITY

(Continued from Page 1)

tion by reducing its large cruisers from 18 to 15, to increase the number of its small cruisers, so as to give it a total cruiser tonnage of 339,000 tons, the exact amount of tonnage which the British now ask.

In battleships we suggest, by reduction in number on both sides, to equalize our two fleets in 1931, instead of in 1942. At present, the British battleship fleet contains two more vessels than ours. In destroyers and aircraft carriers we suggest equality in tonnage, and in submarines the lowest tonnage possible.

As is well known, we will gladly agree to a total abolition of submarines if it is possible to obtain the consent of all five powers to such a propostion, and in any event, we suggest that the operations of submarines be limited to the same rules of international law as surface craft in operation against merchant ships, so that they cannot attack without providing for the safety of the passengers and crew.

Second: Our suggestion to the Japanese would produce an overall relation satisfactory to us, and, we hope, to them. In conformity with our relations in the past, it is not based upon the same ratio in every class of ships.

We have not made proposals to the French and Italians whose problems are not so directly related to ours that we feel it appropriate at this time to make suggestions to them. A settlement of the Italian and French problem is essential, of course, to the agreement contemplated.

The United States delegates do not feel at liberty to discuss any further details in figures, and it is obvious that the announcement of hypothetical figures by others is calculated only to provoke argument.

Our delegation is in agreement on every item of our program, and we are in the most hopeful spirit that in co-operation with the other delegations the primary purposes of the conference, namely the termination and prevention of competition in naval armament and reductions as are found consistent with national security may be accomplished.

This is all that we deem it helpful to state until our suggestions have been considered by the delegations to whom they have been sent.

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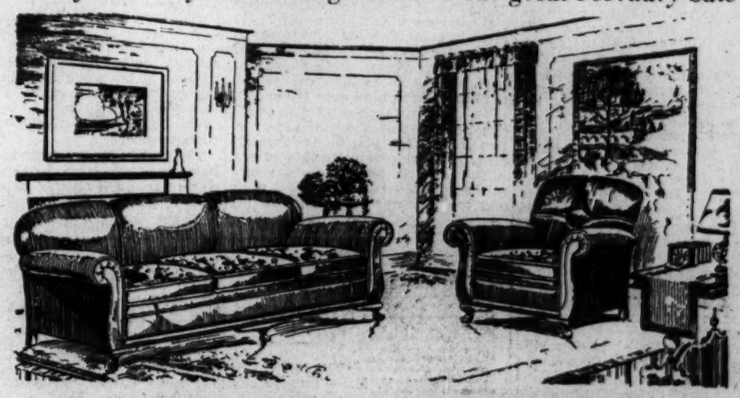
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PAY INCREASES RECOMMENDED IN U. S. NAVY

Interdepartmental Board Advises Doing Away With Certain Allowances

SPECIAL FROM MONITOR BUREAU

WASHINGTON—It is the plight of commissioned officers of the Navy, especially those of higher rank, that it is sought to remedy through the pay bill which Congress is asked to pass.

Warrant officers have been paid according to schedules entirely independent of the commissioned officers' schedule. Commissioned warrant officers, however, received the pay of certain lower grades of commissioned officers whom they parallel in pay but not in rank. An act of February, 1929, granted certain increases to warrant and commissioned warrant officers.

In its report the Interdepartmental Pay Board, recommends that rental and subsistence allowances for warrant and commissioned warrant officers as established by law be discontinued and that warrant officers receive $2250 per annum from the date of warrant with an increase at the rate of $150 per annum for each three years of service in any grade, not exceeding 30 years.

Commissioned warrant officers are recommended to receive $3900 per annum upon commission, with an increase for such officers with creditable records of $300 per annum each three years of commissioned service, not to exceed 21 years. These schedules bear no relation to those for commissioned officers since the warrant and commissioned warrant officers are appointed after years of enlisted service and are not under the law eligible for promotion to higher grades. The proposed schedule is considerably greater than the percentage increase recommended for commissioned officers in the line of promotion but is roughly commensurate with the increase in the cost of living since 1908.

Pay of Enlisted Men

As for the enlisted men of the navy, they were granted a substantial raise in pay in 1920 to expire in 1922, and in that year permanent rates were established generally confirming those of 1920. The board recommends no increase in pay in the three lowest grades as the present rates are believed to be adequate. In the four higher grades of enlisted men, however, an approximate 20 per cent increase is recommended, this being warranted by the greater value of the men to the service.

The board further recommends that the enlisted personnel, which, under existing law, does not receive any allowance for clothing after the initial outfit received on enlistment, being granted a clothing allowance of $5 a month, to begin after the first year of enlistment, and that the initial outfit of clothing be increased to $125 in value from the present $100.

In supporting the request for an increase for the navy personnel it is pointed out that "the navy and marine corps operate in time of peace under conditions comparable to those of war. Officers on sea or overseas expeditionary duty operate on a war footing, at great hazard, often in the jungles in face of armed resistance to law and order.

It is asserted that such legislation is long overdue. "There is scarcely a finer example of unselfish devotion to the service than is offered by the circumstances that the navy personnel has borne the injustice of this law so uncomplainingly for a long time" says a navy report.

To carry out the wishes of the navy as set forth in their plan with its radically changed schedules will increase the cost of this branch of the service by about 50 per cent.

Conference Planned to Honor Boy Scouts

SPECIAL FROM MONITOR BUREAU

WASHINGTON—Men distingushed in national affairs are sponsoring a conference to be held in Washington on March 10, as a mark of their appreciation of the Boy Scouts of America, which observed its twentieth anniversary Feb. 8.

President Hoover, who is the honorary president of the Boy Scouts of America, will attend and speak, and his address will be radiocast throughout the country. With the cooperation of the radiocasting companies arrangements are being made in many cities for group meetings of Boy Scouts and those interested in the organization.

The sponsors for the meeting are: Charles Curtis, Vice-President of the United States; Nicholas Longworth, Speaker of the House of Representatives; Andrew W. Mellon, Secretary of the Treasury; Patrick J. Hurley, Secretary of War; Ray Lyman Wilbur, Secretary of the Interior; Arthur M. Hyde, Secretary of Agriculture; Robert P. Lamont, Secretary of Commerce; James J. Davis, Secretary of Labor; John Barton Payne, chairman of the American Red Cross; William Green, president of the American Federation of Labor, and William Butterworth, president of the United States Chamber of Commerce.

The movement was legally incorporated in the District of Columbia on Feb. 8, 1910, and the first annual meeting was held in the East Room of the White House, with W. H. Taft, then President, serving as honorary president. All presidents since have served the Boy Scouts as honorary presidents, have actively co-operated with the movement and have united in characterizing it as one of the Nation's greatest assets.

Model Shows Secret of Bremen's Speed

SPECIAL FROM MONITOR BUREAU

NEW YORK—A model of the steamship Bremen, of the North German Lloyd Line, has just been placed on view in the company's offices on lower Broadway here, and naval architects have been inspecting with interest the 12½-foot copy of the vessel which now holds the blue ribbon for transatlantic crossings.

Due to the discussions in maritime circles as to the reasons for the speed developed by the Bremen discussions which have centered upon the design of her hull—ship designers have devoted special attention to this part of the model. Her long, stream-like lines; her superstructure shaped to diminish wind resistance; her "raindrop" type of funnels, with their nautical rake aft, and other features of the construction of the vessel give an indication of the source of speed.

Wide departures from traditional styles of marine architecture are seen in the under-water lines, the purpose of which is to minimize the resistance. The blunted hull and bulbous bow present a sharp contrast to the slender stem which heretofore has been regarded as an essential to speed.

Other novel features are the location of the quadruple screws, the modified cruiser stern and the balanced stream-line rudder underneath.

SOVIET SEES PLOT ON PART OF FRANCE

MOSCOW (AP)—Izvestia, organ of the Soviet Government, professes today to see a united movement against the Soviet Union, especially on the part of France and the Second International (a Socialist group).

Commenting on the forthcoming meeting in Paris of White Russians and others to protest against the disappearance of Gen. Alexander Paul Koutiepoff, which Izvestia says is to be held near the Soviet Embassy, the newspaper attacks the French Government for its alleged attitude of indifference toward this and other "provocative adventures of Soviet enemies."

College Poll Shows Sentiment for Peace

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

HAVERFORD, Pa.—Indication of the determination of American college students vigorously to oppose war and work for peace is seen here in the results of an undergraduate poll conducted at Haverford College by the Liberal Club and Christian Union after discussion at crowded meetings.

Thirteen per cent of the student body, declaring war to be "never justified because the moral evils and material costs are far greater than any possible gain," voted not to support or participate in a war of any kind. Thirty-one per cent voted not to support or participate in any conflict of arms which they believed violated the Kellogg-Briand pact, but asserted their intention of "positively supporting movements tending to reduce armaments and expand and recognize institutions for peaceful settlement of international disputes."

Fifty-five per cent voted that they desired peace, would work for it, but in event of actual warfare would support their country in any way they could.

RIGHT TO BECOME ELDERS VOTED WOMEN

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

BUFFALO, N. Y.—The Presbytery of Buffalo, representing 52 churches of the Presbyterian denomination in the western New York area, has just voted to give women the right to become ruling elders and licensed local evangelists, but at the same time refused to approve a proposed change in the church constitution which would permit women to become ministers.

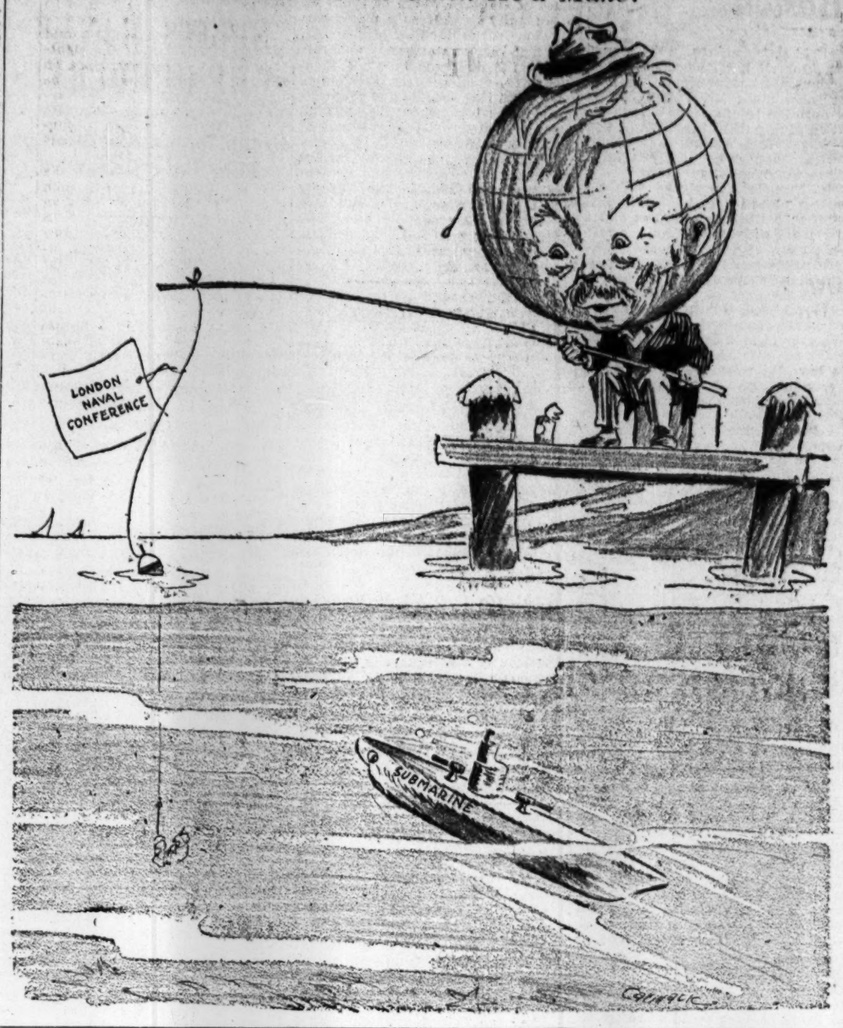
The vote from the 52 churches on the latter amendment, however, was close, indicating that there is considerable sentiment for women in the pulpit.

SALARY INCREASES PROPOSED

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

ALBANY, N. Y. — Increase in salaries of legislators from $2500 to $5000 a year is provided in a bill introduced by Assemblyman William Breitenbach of Brooklyn. The last salary increase, according to the State's lawmakers, was three years ago, when their remuneration was raised from $1500 to $2500.

'What a Fine Catch He'd Make!'



TRADE INDORSES HOOVER'S VIEWS ON ARBITRATION

(Continued from Page 1)

they had seen credit falter, friendships broken, and families estranged; they had sensed the desire of business men to express good will in their dealing with each other—and they had seen their confusion and shame when their temper and ill will was reflected in the press; they had seen unchecked animosities and unsatisfied, even though but fancied, wrongs grow from the commonest and least of differences into an ever-widening circle of business, racial and international strife.

And what of the remedies which had been provided? In the courts of the great industrial centers, a delay of three years was not unusual in a litigation, and during that time the circle of ill will widened. And although arbitration had been imported from England in colonial days, it was such a tangle of unsound theory and haphazard practice that business men were afraid to venture into it. And, if here and there the light of arbitration shone brightly in the dark, it was more as a beacon than as an institution of peace.

Looking forward these seven men saw the American commodity as the king of commerce and the written contract as the sacred keeper of that king. And about these commodities was arising a vast network of business organizations and trade bodies. They saw in the modern organization of commerce a vast potential power for good or evil. And they saw in the first of the great mergers the beginning of combinations which were in time to extend over the country and perhaps encircle the globe.

And it occurred to them that commodities might be carriers of good will and of peace and that the written contract might well be the guarantor of that peace, having behind it the enlightened will and purpose of American business. So here at hand were the materials for a new institution of peace; and they have called to their aid in this task more than 10,000 business men and several hundred trade bodies; and there are countless others who serve in the ranks of the unknown.

This handful of men had no complicated or elaborate idea of what this new institution of peace was to be like; but they were clear concerning its foundations.

If commodities were to be the building materials, then every kind and form of commodity, from the time of its discovery, invention or production through its different stages of manufacture and distribution, must be included. And, since the only thing common to all of these commodities is the written contract which governs their actions, it became the first corner stone.

But they saw also that such contracts were impotent unless attached to them was a guaranty of peace; and the second corner stone became the arbitration clause in a contract. But the foundation seemed to them lopsided unless performance under the contract was assured, hence the arbitrator and the machinery of arbitration as the remaining corner stones of the foundation.

The magnitude of this undertaking might well have staggered most men because as the result of their preliminary survey this was what they found:

(1) That thousands of commodities of an infinite variety are manufactured and distributed every day; that innumerable new ones are created, and that new combinations constantly emerge.

(2) That millions of contracts governing these transactions are signed every day—some being wholly individual and others standard forms.

(3) That in practically every community a controversy or misunderstanding might arise under these contracts, for these commodities were sent to the ends of the country; a contract might well be between a manufacturer in Portland, Me., and a buyer in Waco, Tex.

(4) That business men had grouped themselves in something like 5000 trade associations and had experimented with arbitration in a variety of negative or positive ways, thus covering the field with examples of confusion as well as with types of efficiency.

There was, first, the problem of winning the confidence and co-operation of the organizations already in the field in order that they might participate in a national plan without fear of disturbing their own cherished plans.

There was, second, the problem of bringing existing facilities up to a standard without making too aggressive changes.

There was, third, the problem of extending facilities where none existed in a branch of trade.

There was, fourth, the problem of providing in each the machinery to supplement existing arbitration facilities.

There was, fifth, the formulation of knowledge so that the system could develop along carefully thought-out lines of experience and practice.

And there was, lastly, the enactment of state arbitration laws which would give legal effect to the intention of business to establish and maintain commercial peace.

Articles to follow will depict the story of how this group of business men are building a structure of commercial peace out of the substance of commodities, using as a foundation the written contract and the arbitration clause, and the arbitrator and arbitration tribunal.

Franco-American Pledge Renewed

SPECIAL FROM MONITOR BUREAU

NEW YORK—The United States is now exerting the most powerful foreign influence on French thought and culture, Paul Claudel, French Ambassador to the United States, said at a luncheon of the France-America Society of New York, at the Ritz-Carlton Hotel, which celebrated the 152nd anniversary of the signing, on Feb. 6, 1778, of the Franco-American treaties of amity and commercial alliance.

"The place in French life and culture formerly held by Spain and Italy, and in the nineteenth century by England," Mr. Claudel said, "now belongs to America. More and more we are following America."

Messages from President Hoover and Gaston Doumergue of France, expressing mutual friendship, were read at the luncheon. Franco-American friendship, President Doumergue said, "is sealed forever in our hearts," as the "essential policy of the two countries," and is "bound to become more and more one of the principal factors in the development of all humanity."

President Hoover said that "friendship and mutual understanding between nations are constructive forces of such enduring value that it is most useful to celebrate every occasion that emphasizes them."

Dr. Edward Dean Adams, engineer and director of the France-America Society, was invested by Mr. Claudel with the rank of Chevalier of the Legion of Honor. Dr. Adams organized the American Committee for Devastated Regions in France.

Union Chief Asks Strikeless Year

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

ROCHESTER, N. Y.—Co-operation with employers to prevent resort to strikes and prompt settlement of interunion differences to relieve innocent employers of a burden they often bear henceforth will be the attitude of building trades workers in Rochester, Henry D. O'Connell, new president of the Rochester Central Trades and Labor Council, pledged in his first official statement.

Holding that harmony in the industry depends as much upon the workers as upon the employers, Mr. O'Connell declared that "strikes foment disturbances which at times unfortunately culminate in the use of brute strength.

"I do not believe in any hasty strike by any craft or crafts," he declared.

Educational Talkies Being Made Near Harvard in Several Fields

First Film Depicts 300 Years of History in Massachusetts—Others Proposed to Cover Sculpture, Transportation, Research

Work on an experimental sound-recording studio of the University Film Foundation of Cambridge, Mass., is rapidly being completed, as part of a program which includes production of educational films synchronized with a lecturer's voice, and a possible use of sound in the scenes depicted.

Undersea fauna of the north Atlantic coast, and films on bronze sculpture, remote provinces of Russia, guayule rubber, microscopic research, and the history of transportation from earliest times, are among recent productions and undertakings of the foundation.

The first film to be recorded with sound is the "Corner Stone of the Nation," depicting 300 years of Massachusetts history. This picture has been filmed, and is being held until the completion of the sound-studio makes it possible for the voice of Albert Bushnell Hart, professor of history in Harvard University, to be synchronized with its scenes.

"From Clay to Bronze," a film portraying the technique of bronze sculpture, is to be given its premier showing at the Boston Museum of Fine Arts on Feb. 18. This picture is the third in a series on the fine arts, and shows the production of a bronze statue from the steps leading to the clay model to the final casting of the bronze itself. This film is three reels in length, and is accompanied by a one-reel presentation of "Sculpture in Stone."

The fourth film in the fine arts series, on "Wood Engraving," is in process of production. It will be added to the films already produced by the film foundation in collaboration with the Museum of Fine Arts on etching and dry-point.

William Osgood Field, associate producer of the foundation, has just returned from Russia with film for two or three reels on rural life in that country. Mr. Osgood had the co-operation of the Soviet Government. The films were taken in outlying and relatively unknown provinces of Russia.

How great conch seasnails and little hermit crabs, along with many other undersea fauna of the North Atlantic coast, solve the problems of their submarine community, is portrayed in a one-reel film recently completed.

The production of guayule rubber, obtained from a shrub native to northern Mexico, is the subject of another recent film made by the foundation. This plant is a small growth from which rubber of a low grade is obtained by crushing the fibers. Experiments are being made in California with the guayule plant, and modern agricultural methods by which results are being obtained are portrayed in the film.

Modes of transportation, from the carrying of burdens on human heads and shoulders, to the primitive wheeled carts, high-wheeled bicycles, and finally, the many modern transport mediums, are shown in a one-reel film on "Land Transportation."

Musical Activities of City Are Merged

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

ROCHESTER, N. Y.—Plans to unite into a vast civic enterprise musical activities of the Rochester Philharmonic and Civic Orchestras and the Eastman Theater concert series and grand opera have just been launched here by a group of citizens at the behest of George Eastman and Harper Sibley, sponsors and backers of a number of civic activities.

The plan was set in motion by the Eastman Theater Subscribers Association, an organization devoted to underwriting possible deficits of the grand opera and concert series. A committee of 36 citizens will direct all civic musical activities under sponsorship of a proposed Rochester Civic Music Association. The committee would divide the work covering the three enterprises.

The Civic Orchestra, made possible by public contribution, plays a series of public school and public concerts. The Philharmonic Orchestra and grand opera are supported by the Subscribers Association and admission receipts.

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In the long ago there were three friends, Pietro, Luigo and Valentine. One was a great preacher, one a wonderful singer, but Valentine was only a gardener. He felt the lowliness of his lot, but in his heart was the love for all and the desire to make the world happier. :: :: :: :: ::
When his flowers bloomed they found their way to the home of the needy and the room of the discouraged. At last he was unable to bend over his loved flower beds; still he could use his hands, so they wrote love messages to go with the flowers. So many were the hearts he healed and so much love he spread abroad that his name has become a symbol of love, while his two friends are lost in oblivion.
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BILL TO FORCE JURY DUTY FOR WOMEN FAILS

Massachusetts Senate and House Also Act Upon Other Measures

A bill to make jury service for women compulsory was defeated in the Massachusetts Senate yesterday by a vote of 26 to 7.

Without debate the Senate also adopted an adverse committee report on a petition for establishment of a county form of government for Suffolk County. An adverse report on a petition for a constitutional amendment to redivide the State into senatorial and representative districts was made by the Senate Committee on Constitutional Law.

The House yesterday accepted an adverse committee report upon a proposal to memorialize Congress for a constitutional amendment regulating hours of labor in industry. It was emphasized that the policy of the Massachusetts House has been against sending memorials to Congress.

Delegates from carmen's unions in virtually all parts of the State appeared before the Joint Committee on Street Railways to renew their plea for further legislation limiting the hours of labor for railway employees. The pending bill would limit daily work to a total of eight hours, all of which must be included within a limit of 11 consecutive hours. Bills to this effect have been introduced in the Legislature for the last four years. Last year the bill was passed by the House, but was defeated in the Senate.

Revision and clarification of the criminal laws of the State by a commission composed of practicing attorneys was recommended before the Joint Judiciary Committee by Joseph E. Warner, Attorney-General. At the present time, he said, there are many inconsistencies in the laws. He also requested that the Attorney-General be vested with authority to summons witnesses and question them under oath in connection with his investigation of cases. He pointed out that his office is greatly hampered by the lack of this power, as it is difficult to persuade persons to give evidence voluntarily.

A plea for Massachusetts to "blaze the trail" in legislation to prevent gunmen and criminal offenders from possessing revolvers was made before the Committee on Public Safety by James J. Twohig, Representative from South Boston. The committee was considering his bill to prevent manufacture and sale of pistols or revolvers under certain conditions.

Lieut.-Col Townsend Wheenan, who said he had been requested by the Secretary of War to oppose the bill, told the committee that at the present time the government arsenals make only a small percentage of the revolvers and pistols which would be needed in time of war. It is necessary to keep private plants in operation, he said, as they can turn to government orders in a single day, while it requires two years for companies which are not manufacturing firearms to change over their processes to meet wartime orders.

Deepening of the Saugus River channel was urged before the legislative Committee on Harbors and Public Lands today by John H. Mullen, former mayor of Everett, and now a resident of Saugus. He pictured the marsh lands in the vicinity of Saugus, Revere and Lynn as potentional hives of industry as the result of the channel deepening and reclamations plans. He cited the growth in Everett following the development of the Mystic River.

A petition by James M. Curley, Mayor of Boston, calling for temporary employment preference for heads of large families was opposed before the House Committee on Rules by Elliot H. Goodwin, State Civil Service Commissioner. Mr. Goodwin declared that civil service positions should be filled on a basis of merit and fitness and not made an avenue for relief of destitution.

TERMS OF RADIO POOL PROTESTED AT SENATE INQUIRY

(Continued from Page 1)

Wheeler. "Is it any business of yours what they charge for traffic?"

"If they were doing business for nothing we would not lease them our apparatus," the witness answered.

To a question as to whether R. C. A. felt they had a legal right to follow such a course, Mr. Winterbottom replied he could not answer and was guided by the counsel of his company.

Minimizes Royalties

Mr. Wheeler demanded that he define "reasonable profit" as included in the proposed contract. Mr. Winterbottom hesitated and finally replied that he could not. To a later question he replied that he expected the tariff would "be no higher than the prevailing extremely low tariff" on the Atlantic. He spoke slightingly of the possibility of the Press Wireless group's success, and added that R. C. A. had "never expected to get any royalty out of this press association, or very little indeed."

"Then why this 'reasonable profit' clause?" repeated Mr. Wheeler. "You virtually make yourselves dictators over another corporation. Surely there is no provision in the patent law that gives authority to fix rates in the communications business?"

Witness replied that he did not know of any. To further questions relating to other clauses of the contract, Mr. Winterbottom frequently answered that he did not know, or that the matter was one for lawyers to settle.

Mr. Wheeler brought out that the contract would have forced Press Wireless to surrender all its patents to R. C. A. without restricion, while R. C. A.'s patents would have been granted on a strict nontransferable basis.

Couzens Denies Statement

Mr. Winterbottom asserted that other companies, notably the Southern Radio Corporation, owned by the Standard Oil Company of New Jersey, had submitted to a similar contract and did not feel it was burdensome.

"Oh, yes they do!" interjected James Couzens (R.), Senator from Michigan, chairman of the committee. "They appeared before us and stated they were helpless!"

Mr. Winterbottom's statement was a detailed answer to charges before the committee made by Joseph Pierson. He stated that R. C. A. is still in doubt whether "a genuine order for equipment will ever materialize from Press Wireless" and added that the technical development of radio has cost millions, and that this cost is reflected in the company's charges.

The Senate Committee decided to call before it Eugene O. Sykes, William D. L. Starbuck and Charles McK. Saltzman of the Federal Radio Commission. The inquiry will go into charges of favoritism to R. C. A. by the Radio Commission, and may deal also with rumored changes in the commission's personnel.

3500 Patents Controlled

Declaring that patent control by the R. C. A. constitutes "one of the most complicated cases" ever examined by the Department of Justice, John L. O'Brian, assistant to the Attorney-General, in charge of anti-trust work, stated the department's attitude toward the alleged radio trust would be made known in a few weeks. Work on the case is now being done by "two of the ablest men" of the division, he said.

Mr. O'Brian's statement was the first formal explanation of the Government's attitude toward the patent cross-licensing arrangement. Mr. O'Brian's statement indicates that the matter is likely to be a classic in federal legal records. The "legal monopoly," gained by R. C. A. patents, Mr. O'Brian said, "presents a conflict" with the antitrust laws enacted to prevent monopoly.

"As shown by the briefs filed before the Federal Trade Commission and their recent statements, it is their claim that every act complained of is protected by the legal monopoly set up the Government through the issue of patents.

"In addition to the patent features, other legal questions are presented by the types of contract and corporate forms employed by the parties as well as by their business practice.

"Until the legal questions presented by conflicting representations on the more important claims can be solved, it will be impossible for the department to reach a conclusive opinion as to whether the parties have in fact exceeded their legal rights and have in fact transgressed the antitrust laws. The work on the case is being done by two of the ablest men of this division under my personal direction. From the progress already made it seems probable that the department will be able to define its attitude within another three or four weeks' additional time. Nothing more can be done to expedite its consideration than is being done.

"I can assure you, however, that the case is receiving preferred attention, and that if as a result of the present intensive study the conclusion is reached that any legal proceedings are justified, such proceedings will be promptly instituted."

Great Connecticut Span Ready in Fall

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

CORNWALL, Conn.—When completed, the new Cornwall Bridge, spanning the Housatonic River and the tracks of the New York, New Haven & Hartford Railroad on Highway Route 314 between Cornwall and Sharon, will be the largest all-concrete grade crossing elimination in New England and the largest concrete arch bridge in Connecticut. Plans call for completion by fall.

From end to end the bridge will be 726 feet long. It will include eight spans, six of which will be the open spandel arch type and the one on each end a girder span. The center arch, stretching over the river, will be 192 feet from center to center of the main piers. The extreme width of the bridge will be 36 feet 6 inches, with a roadway of 33 feet. Reinforced concrete will be used throughout.

Approaches to the bridge will be about 6275 feet in length, with rights of way of 30 feet and pavements of 20 feet in width. The structure will cost about $360,000 and the approach work approximately $140,000. C. W. Blakeslee & Sons of New Haven are the contractors.

Dartmouth to Give 4-Year Scholarships

HANOVER, N. H. (AP)—A new policy of awarding four-year regional scholarships to Dartmouth College undergraduates of outstanding merit, whenever funds become available, was announced today by Ernest M. Hopkins, president.

Six such scholarships, representative of three states, will become operative with the class entering Dartmouth College next September. Two students from California, two from Connecticut and two from New Hampshire will be chosen as the first recipients.

The scholarships for the California students are made possible by a $100,000 gift from Mrs. William P. Johnson of San Francisco, a memorial to her late husband, a Dartmouth graduate. The Connecticut scholarships will be based on a $117,000 bequest from Charles F. Brooker of Ansonia, Conn., under terms of which students from the vicinity of Torrington and Ansonia will be favored.

The New Hampshire scholarships will be made possible by funds derived from timber cuttings on the second college grant.

COLONIAL GEOGRAPHY REVISED BY BORINGS

The extreme narrowness of the peninsula on which early Colonial Boston rested as compared to its present greatly enlarged width was brought to light by recent borings for the foundations of the new Boston Federal Building in Post Office Square.

Borings on the north east corner of the lot brought up sand instead of blue clay, which was found at all other points. In the opinion of the engineer in charge of the work, this sand indicates that the waters of the slip which connected the inner harbor with Dock Square once washed along the edge of what is now Post Office Square.

Music in Boston

"Tristan und Isolde"

At the Boston Opera House last night, the Chicago Civic Opera Company presented Wagner's "Tristan und Isolde," with this cast:

Tristan.....Theodore Strack
King Marke.....Alexander Kipnis
Isolde.....Frida Leider
Kurvenal.....Richard Bonelli
Melot.....Desire Defrere
Brangäne.....Maria Olszewska
A Shepherd.....Giuseppe Cavadore
The Helmsman.....Antonio Nicolich
A Sailor's Voice.....Giuseppe Cavadore
Conductor.....Egon Pollak

A cast of a quality not often assembled nowadays evulgated Wagner's great love story to an acclamatory houseful last night. Foremost was the Isolde of Mme. Leider's penetrant visioning, an imperious figure in golden gown, whose sorrow, humiliation, rage, vengefulness, rapture and despair were proclaimed through the revealing media of a splendid voice and a finely imagined and lucidly expounded conception of the rôle. Tradition was here, but individuality too. The anger of this princess was something to be propitiated. She made even the Narrative of the first act, for the first time in the experience of this listener, interesting and stirring. Throughout, the swift changes of emotion, the yearning, the grief, were unequivocally explicated.

Hardly less impressive was the Brangäne of Mme. Olszewska. Vocally, this handmaiden was superb. Devotion, foreboding, desolation, sounded in her tones. She had thoroughly composed her interpretation, too. A personalized Brangäne served and suffered for her princess. Yet there were times when her repose seemed to take her out of the picture; and she missed the most poignant effects obtainable from the business with the potions. Indeed, she was so eager that the audience should not overlook her transposition that we trembled lest her mistress detect her and defeat our expectancy of the later scenes.

If Mr. Strack hardly matched these two of the distaff side, vocally or dramatically, he must be credited with a well conceived though somewhat implastic impersonation. The linear groupings of Mmes. Leider and Olszewska always emphasized the dramatic design. Mr. Strack was impercipient in this particular. Yet his very immobility was effective at times, and in the final scene he was liberated to greater expressiveness. His voice, though deficient in body and resonance, was used with discretion and sometimes with power.

The familiar and admired art of Mr. Kipnis almost made us tolerant of the chatty King. Mr. Bonelli's Kurvenal has grown in dignity and authority, but still needs maturing, especially in the first act. He sang well.

Oddly enough, we had last night the experience of hearing a "Tristan" in which the singing-artists surpassed the orchestral exposition. Ordinarily, one excuses the singers for manifold shortcomings on the ground that after all it is the richly-woven instrumental commentary that matters. Last night Mr. Pollak carried his devotion to the stage artists too far. In giving them the right of way he forgot that without fervent orchestral support no cast can bring to life the Wagnerian drama.

The Prelude was played with respectful regard for its celebrated beauties; a little less respect and a little more ardor would have awakened our willing response. The score smoldered as the evening progressed. At moments, as in the climax of the duet of the second act, it even glowed. But it never caught fire, never sent forth its consuming flames to burn away its dross and dazzle us with the conviction that Wagner still reigns.

Wagner's is no Apollonian art, though it has been called so. It must surge and throb and soar, or it is merely an admirable exercise in composition. The transfiguring touch must be possible, even today, when we are not readily given to rhapsody. You may glimpse it in orchestral programs, in the devotion of a singer, most of all in your own imaginings. It is a pity that, given so much on the stage and in the orchestra pit, there could not have been last night the poet of the baton who would have realized those imaginings.

L. A. S.

High Electric Profit Brings Low Rate Plea

Charges of exorbitant profit were made against the Edison Electric Illuminating Company of Boston, at a hearing before the Department of Public Utilities yesterday.

Wycliffe C. Marshall, attorney for a group of consumers, told the utility commissioners that the electric company profited as much during the last nine years as it did in the entire 30 years previous. Profits from 1888 to 1928 have totaled $104,000,000, he said.

Mr. Wycliffe, urging reduction of electricity rates, offered figures to show that power for resale was wholesaled by the Edison Company at a rate so low that it indicated that the retail charges could be reduced.

Juniors at Harvard to Choose Careers

To give juniors in college an opportunity to gain first-hand knowledge of businesses in which they may wish to specialize after graduation, is the purpose of a plan worked out by Walker W. Daly, secretary for student employment at Harvard University, together with several business men.

Mr. Daly, in announcing the plan, said that every member of the junior class at Harvard would be given an opportunity to express a preference for some particular field of business, and that business men are co-operating in the endeavor to place them during the summer after their junior year. Both the students and the business executives would be able to form a better estimate of mutual needs and abilities, Mr. Daly said.

Business is looking to college graduates for workers, and present methods of acquainting the students with the business world, and vice versa, are inadequate, Mr. Daly said. A summer of practical experience is the best way to meet this need, according to Mr. Daly.

Churches Appoint Tercentenary Group

At the request of the Massachusetts Federation of Churches, the Federal Council of the Churches of Christ in America has appointed "a committee of five members to act for the administrative committee in co-operation with the Massachusetts Bay Tercentenary in such phases of its program of religious observance as have national significance." The committee consists of the Rev. Clarence H. Wilson, the Rev. E. Tallmadge Root, the Rev. Peter C. Wright, the Rev. Alfred Wms. Anthony, and Miss Anna V. Rice.

The pageant, "Toward Freedom of Soul," written by Mrs. Eleanor Whitman at the request of the Massachusetts Federation of Churches, will be given in Unitarian Hall, Somerville, Feb. ..., under the auspices of the Somerville Federation of Women's Church Societies. Over 100 performers from 12 churches will take part. The Order of Red Men will take the Indian parts.

Swedes Voice Pride in 125 Years' Peace

Military fields of Sweden are now public playgrounds and parks, Carl W. Johansson, Swedish vice-consul at Boston, told members of the League of Neighbors, Fellowship of Faith, and Union of East and West, at a Three-Fold Movement luncheon held at the Twentieth Century Club.

Sweden's army is merely "police protection" for the country, while its navy is nothing but "harbor police," Mr. Johansson said. Physical training is the only objective of the compulsory ruling that all boys between certain ages have military drill, he said.

"Not a war in 125 years" is the boast of Swedes, who, Mr. Johansson said, are firm in their belief in peace among nations and in accord with the London naval parley's objective of a reduction in world armaments. At present, Sweden's naval power consists of only 17 battleships, five cruisers, 20 torpedo boats, and 16 submarines; while its army has been reduced to 13 regiments.

MODELS ATTRACT MANY AT BOAT EXHIBITION

Model boats, built by pupils of the Abraham Lincoln School, are attracting wide attention at the New England Sports and Boat Show, held at the Exposition Hall of the Boston Garden this week. More of these models are being brought to the show each day and at the close of the exhibition, Saturday night, the models will be judged by the exhibitors and prizes presented the builders by Sheldon H. Fairbanks, director of the show.

An interesting motor displayed for the first time, is a four-cylinder water-cooled, dual-valve motor which will compete in popularity this summer with the outboards. It weighs only 165 pounds and turns up more than 4000 revolutions per minute. This motor was one of the new features at the recent national motorboat show.

SHOE UNIONS BEGIN TO BALLOT ON PACT

LYNN, Mass. (AP)—The compromise plan of settlement of the wage situation drawn up by a joint council representing the organized shoeworkers of this city has been voted on by three of the six unions involved. The stockfitters and cutters favored the plan, while the heelworkers voted against it. The lasters have already voted in favor, while the stitchers and packing room workers have not yet voted.

Consent of four of the six unions is necessary to make effective the plan, which would continue prices and working conditions as they exist and provide for negotiations for a readjustment of the labor cost on the $5 shoe.

CO-OPERATIVE BANKS PROSPER

Co-operative bank savings jumped nearly $26,000,000 in Massachusetts over the 1928 figures, according to the report of the Bank Commissioner's Department of the State for the fiscal year ending Oct. 31, 1929. Total amount due shareholders was $517,258,800, an increase of $26,300,000 over the preceding year. The report also indicates an increase of $58,000,000 in savings bank deposits in the State.

L. A. JONES RECEIVES JEWEL

Right Worshipful Louis A. Jones, Deputy Grand Master of the Grand Lodge of Massachusetts, A. F. & A. M., has been presented with a deputy grand master's jewel by the Belmont Lodge at its regular communication. Most Worshipful Herbert D. Dean, Grand Master of the Grand Lodge, made the presentation, which was witnessed by more than 200.

AMONG THE RAILROADS

By FRANKLIN SNOW

TICKETING arrangements by various railroads appear to include ambiguous regulations which mislead travelers. With railroad passenger traffic decreasing, such a situation is obviously in need of adjustment.

Coupon, or interline tickets, reading from New York to points in the south (and northbound tickets, similarly) carry at the head of the ticket a rule in heavy-type capitals, "Good for one continuous passage." To one believing in rules and regulations, this would quite evidently indicate that the ticket could be used only for a through journey. But upon investigation, it appears that this is not so. On the contrary, one may stop off not only at junction points between connecting lines, but at intermediate stations on individual railroads. All that is necessary is to have the conductor indorse the ticket to this effect.

Passengers desiring to stop off, however, are deterred from making advance arrangements to do so because they believe quite literally the statement on their tickets. Investigation developed that many travelers to the south would like to break their journeys for overnight stops if it were not for the ambiguous phraseology.

Another source of objection is the date set for the expiration of tickets which are sold at the straight fare, rather than round-trip reduced rates. It is not always possible to anticipate the exact day on which a journey will be made and terminated, but arbitrary punch marks made in tickets bought in advance denote the final date on which the journey must be completed. Possibly these marks also are subject to adjustment, or disregard, by conductors, but the fact that railroads have received money for the tickets should unquestionably entitle the passenger to travel any time within a year or more.

Northwest Merger

The proposed merger of the Great Northern and the Northern Pacific railways in the northwest—with which would be included the Chicago, Burlington & Quincy Railroad and the Spokane, Portland & Seattle Railway—is being considered by the Interstate Commerce Commission, following the filing of final briefs by interested carriers.

While no definite statements as to the outcome may be made at this time there is a very definite reason for believing that there will be no decision immediately, and that the Interstate Commerce Commission will ask the railroads concerned for more data on the subject. Whether this is a play for time, in order that this merger may not be consummated until a general unification plan is decided upon, or disapproved, in view of the rising public sentiment against mergers of all kinds, or whether the commission actually feels it has not yet secured sufficient data is not known, but it is intimated that this step will be taken in the Great Northern-Northern Pacific merger.

Shortest Sleeper Line

The shortest sleeping car run in the United States has been located. It is on the Southern Railway between Greensboro and Salisbury, both in North Carolina, 50 miles apart. The pick-up and set-out sleeper is handled on trains Nos. 31 and 40 and the running time southbound is 1 hour, 25 minutes; northbound, 1 hour 45 minutes. If any railroad provides a shorter sleeping-car service for its patrons than this, this department will be glad to report the fact.

The Southern Railway, it may also be noted, now is housed in an attractive, modern office building at 15th and K Streets, in Washington. Having once been forced to vacate part of its former building for the Railroad Administration, and subsequently to vacate it wholly in order that improvements may be made along the Mall, the railroad apparently decided to erect an edifice in keeping with the fine architectural style of public buildings in Washington, which it could regard as a permanent home.

Slogan Restored

The use of the slogan, "The B. & O." has been restored by the Baltimore & Ohio Railroad in its new advertising campaign. For a number of years, according to an explanation offered by Daniel Willard, president of the railroad, there had been various vaudeville jokes about the "B. & O." and as a result, he issued instructions upon assuming the presidency that the name should always be used in full by employees, either in writing or speaking of it.

"Now," said Mr. Willard, "we feel that we have overcome the possible opprobrium which was attached to the initials 'B. & O.' We have worked for 20 years to render a service which will make these initials stand for something worth while and we feel that we may now employ them in the nature of a slogan."

Shortly before Mr. Willard came to the Baltimore & Ohio the term "Royal Blue Line," as a designation of the line's New York-Baltimore-Washington trains was abandoned and while there is no indication that this term (which, it is understood, F. D. Underwood, former president, discarded) will be restored, comments recently made indicate the value of the name, even after an interlude of a score of years. "Trade-names" in the railway field are coming into their own, the modern form of salesmanship recognizing their effectiveness as traffic-builders.

Engines in Colors

Perhaps the most colorful locomotives in the United States are those employed on the Southern Railway. While other railroads have special trains with brightly-colored engines, the standard locomotive color on the Southern is a bright green, with gold trimmings. The engines are kept spotlessly clean, and in their resplendent paint shine and glisten in the sun as they pull a train into a station. A clean locomotive is an advertisement for a railroad, in itself.

Baltimore & Ohio engines pulling the fast trains are painted green also and have a lighted device in front showing the name of the train, such as National or Capitol Limited.

Of Interest to Travelers

The Pennsylvania Railroad appears to be the first railway to take a definite stand in respect to smoking in dining cars. On its menus is a printed request to refrain from smoking, to avoid annoyance to other passengers.

Bedroom sleepers are now being operated by the New York Central Railroad between New York, Rochester and Buffalo in the Iroquois westbound and the Niagara eastbound.

TARIFF ISSUE SPLITS RANKS OF DEMOCRATS

Group Deserts Coalition on Rate Cuts Demanded on Several Items

SPECIAL FROM MONITOR BUREAU

WASHINGTON—The closing stage of the Senate tariff contest finds a sharp rift developing in Democratic ranks.

A group, varying in number from eight to twenty, under the leadership of Pat Harrison (D.), Senator from Mississippi, one of the most vociferous in criticism of the Republican high tariff policy, have repeatedly deserted the coalition in its program of lowering specific duties and by their support of the regular Republicans have defeated their erstwhile colleagues.

On rayon, on coal-tar products and on the latest issue over synthetic camphor Mr. Harrison has commanded a sufficient number of bolters to defeat the rest of the Democratic-Insurgent combination in their effort to cut the imposts on these items.

Challenges Associates

So strong has the dissent over policy among the Democrats grown that following the action of Mr. Harrison and his group in supporting a boost in the synthetic camphor rate the matter broke out into open debate with Walter F. George (D.), Senator from Georgia, a strong adherent of the coalition, vigorously challenging his party associates.

Mr. George pointed out that in 1922 Congress, on the plea of certain manufacturers, fixed a 6-cent-a-pound duty on synthetic camphor, with the understanding that those producers would go into the business of making this commodity. One company that undertook to fulfill this promise, he declared, went bankrupt, and after being reorganized last year is only producing some 500 pounds a day; a quantity described by Robert M. La Follette (R.), Senator from Wisconsin, as a "large-size laboratory experiment."

Higher Rate Restored

So unjustified was this 6-cent duty viewed, Mr. George declared, that the House Ways and Means Committee reduced the rate to 1 cent a pound. The Senate Finance Committee, responding to the renewed plea of the manufacturers, he asserted, restored the 6-cent rate.

For Democratic senators in the face of these facts and their professions of opposition to the Republican tariff to demand a retention of the excessive duty, even if brought down to 5 cents, was denounced by Mr. George.

When several Democratic senators attempted to get him to limit his rebuke to those who had supported the Republican proposals Mr. George insisted that the entire Democratic party membership was responsible.

How, he demanded, could the Democratic Party carry any weight before the electorate when after vigorously denouncing for months the Republican tariff bill, its own members were found recorded for voting duties even higher than those proposed by the men they criticized.

State Legion Holds Winter Ice Carnival

The Massachusetts department of the American Legion held its second winter ice carnival at the Boston Garden, Feb. 7. Although in closed surroundings and without the vibrant touch of a real carnival, the affair proved to be unusually colorful with nearly all the events in winter sports taking place. More than 8000 people attended.

Speed races, fancy skating, "dance" skating, barrel jumping, and a pageant with 150 girls in costume, comprised part of the program. Miss Maribel Vinson of Winchester, United States ladies' figure-skating champion, was outstanding in an exhibition of fancy skating.

The Boston Bruins entertained with a display of fine hockey. Miss Helen Kosker of Hartford, Conn., established a new record for indoor speed racing, while first place in the men's 40-yard dash was captured by Walter Thorne of Brookline.

POLICE CHIEFS GROUP FAVORS PENSION RISE

Legislative bills relative to the employment of reserve police officers by cities and towns in Massachusetts, providing an increase in pensions for firemen and policemen retired under certain conditions, regulating overnight camps, and providing for the arrest of automobile law violators, were favored by the Massachusetts Chiefs of Police Association at its annual meeting in Boston.

Arthur H. Pratt of Weymouth was elected president, John S. Welsh of Beverly is vice-president and H. Allen Rutherford of Brookline secretary-treasurer. The directors are: Charles McCauley, Woburn; Ernest H. Bishop, Quincy; Martin Feeney, Fall River; John L. Sullivan, Pittsfield, and Louis B. Heaton, Melrose.

With Congress Day by Day

BY THE ASSOCIATED PRESS

Senate proceeded with consideration of individual amendments to tariff bill.

House continued debate on Williamson bill to transfer prohibition unit to the justice department.

House Judiciary Subcommittee holds hearing on proposal to broaden power of United States commissioners.

Senate gave lobby committee more money for investigation.

Senator Brookhart (R.), Iowa, proposed investigation of rebating in every form affecting railroads.

House passed oleomargerine bill.

Military Affairs Committee began hearing on Wright bill to lease Muscle Shoals.

Immigration Committee heard organized labor representatives in support of restricting western hemisphere immigration.

Protest of Canadian Government against Nolan bill to set aside Rainy Lake watershed in Minnesota as National Park made public as Public Lands Committee held hearings on measure.

Senate confirmed nominations of Charles G. Rugg of Massachusetts, to be Assistant Attorney-General, and Frank C. Tracy as surveyor of customs for San Francisco.

PORT OF LONDON SHOWS GAIN OF 2,000,000 TONS

BY CABLE FROM MONITOR BUREAU

LONDON—Shipping using the Port of London during 1929 was higher by more than 2,000,000 tons than any previous year, according to statistics issued Feb. 6. The total for the whole United Kingdom was 362,000,000 tons, compared to 340,000,000 the previous year, and London's share was 57,500,000, compared to 55,500,000.

Liverpool comes second with nearly 35,000,000, compared to $33,000,000—the increase being only about 350,000 tons behind that of London. England's third largest port is Southampton, with Hull fourth. The high proportion of London's increase is in respect to produce.

DOUGLAS COMPANY ELECTS

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

BROCKTON, Mass.—Herbert L. Tinkham was elected president of the W. L. Douglas Shoe Company at the annual meeting of the stockholders and directors Feb. 6. Other officers elected were: Charles D. Nevins, vice-president and treasurer; Burton J. Torrey, clerk, and Warren A. Weeks, assistant treasurer. Lester D. Morse was a new member elected to the board of directors.

WILLIAMS DEAN RESIGNS

WILLIAMSTOWN, Mass. (AP)—Dr. George Edwin Howes, Dean of Williams College, has asked the college administration not to reappoint him at the close of the present college year. He plans, however, to return and continue to occupy the Garfield professorship of ancient languages.

MORISON TO AID IN HISTORY

S. E. Morison, editor of the Tercentennial History of Harvard University, has been appointed as official history adviser of the Massachusetts Bay Colony Tercentenary commission during the period of its official duties, it was announced today.

'PASTORAL PLAN' IS INADEQUATE, FRANK CLAIMS

University of Wisconsin Head Warns Against 'Regional Mind'

SPECIAL FROM MONITOR BUREAU

NEW YORK—A warning against "regional-mindedness, instead of national-mindedness," was voiced here by Glenn Frank, president of the University of Wisconsin and formerly editor-in-chief of the Century Magazine, at the annual dinner Feb. 6 of the National Retail Dry Goods Association.

Dr. Frank, speaking on "Business and Politics in the American Future," held that the old political order was inadequate to deal with the problems of the new social order. "Americans are living," he said, "under a political order adapted for a pastoral civilization, and unless the political order is better adapted to modern conditions, the time will come when there will be a boycott of the ballot box and a large percentage of the population will stop voting."

Dr. Frank held that the United States was a victim of inferior leaders. Great men, he said, are not encouraged to enter politics, so that those chosen as leaders follow instead of leading. Consequently, he said, there is a wide breach between the business and the political interests of the country.

"Politicians have assumed business to be an anti-social process," he said, "and business has considered itself a private money reserve which considers any suggestion of society's interference as an impertinent intrusion."

Lew Hahn, president of the Hahn Department Stores, Inc., discussing the essential requirements for good business in 1930, said that this year, more than ever before, there was a need for good management. During the era of prosperity which followed the World War, Mr. Hahn said, the average department store did not put a premium upon good management and is "absolutely incompetent to deal with the problems it is now facing."

HUTCHINSON'S MARKETS

Arlington Centre Winchester

Fresh Dressed Fowl, lb..... 42c
Near-by Breakfast Eggs, doz. 59c
Fresh Green Peas, 6-lb peck $1.35
New Walnut Meats, lb..... 79c

For Quality Foods Telephone

Arl. 1800 Win. 0782

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IN ORDER to keep our men busy during the dull season we will sacrifice the cost of our labor; all work guaranteed; we carry a full line of samples; free estimates and delivery. Established 25 years.

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Knox Gelatine	Pkg. 19c
Palmolive Soap	3 bars 19c
Diplomat Chicken	6-oz. can 47c
Fancy Legs Lamb	40c
Fores Lamb, boned	26c
Boneless Beef Pot Roast	35c
Fresh Young Pig Pork Loins	25c
Fancy Broiler Chickens	38c

Fresh Fowl Chicken Turkey Ducks
Fresh Vegetables Fresh Fish
Deliveries made in Arlington, Bedford, Lexington, Waltham

PURE BUTTER

is butter made from pasteurized sweet cream—not neutralized. Vermont butter does have the fine creamy flavor so desirable. Private farm eggs, imported cheeses and "he man" old domestic cheese.

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The third generation of buttermen

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BOSTON

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If you are planning repairs, alterations or improvements to your home, why not

Get Busy Now?

May we help you with suggestions or estimates?

LEXINGTON LUMBER COMPANY
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Planning a Party?

Let us help!

HERE at Dennison's, Newbury Street, is quite the most interesting service that you have chanced upon. For here the party experts of the little shop make a happy business of supplying ideas for successful entertaining. Simply tell us about the party you would like to give—at your home or club, at your church or school—and our staff will tell you out of long experience how easily and inexpensively it can all be done. They will gladly undertake to make completely all the needed accessories, or they will provide suggestions for favors and decorations to be made at home. They will tell you, too, about invitations, costumes, games and stunts and prizes—everything a busy hostess or committee could want to know. Let us help.

Dennison's
143 Newbury St.
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America's Best Known Shoes

W. L. DOUGLAS Shoes

Direct from Factory to Wearer at One Profit

Men's $5 to $8.50 Women's $5 to $7
Boys' and Girls' $3.50 to $4.50

W. L. DOUGLAS STORES IN BOSTON
†156 MASSACHUSETTS AVE. (One block south of Boylston St.)
*635 WASHINGTON ST. (Opp. Essex St.)
†32 HANOVER ST. (near Scollay Sq.)
*130 SUMMER ST. (Bet. Devonshire and High Sts.)
†Stores Open Evenings. *Stores Open Saturday Evenings.

ART EXHIBITS SCHEDULED BY TRADE CHAMBER

Commerce Group Plans Week to Interest Public in Subject

To encourage greater interest in art, and to focus the attention of the public on this subject, to the end that a public consciousness of its value in both industry and daily life be established, the Boston Chamber of Commerce is conducting "Art Week in Boston," March 2-8, plans for which are under way.

The movement has the hearty co-operation of all art interests in the city, including the fine arts and the applied arts, and is the second event of its kind conducted by the chamber.

In attempting to make the public familiar with those opportunities available, which tend to educate them to the value of good taste in everyday contacts, the chamber has secured the co-operation of the private and public schools, the civic, service and industrial organizations, the merchants through the Retail Trade Board, manufacturers through their trade organizations, and the museums.

A series of events has been planned to direct attention especially to art. An outstanding exhibit of the work of the contemporary artists of Boston of all schools is to be held in the gallery of the Jordan Marsh Company, in co-operation with the fine art groups. A co-operative exhibit of the private art schools, on the fourth floor of the Filene building, showing the art training available to students in Boston, is a feature of the week.

An exhibit of advertising art, under auspices of the Advertising Club of Boston, has been arranged, while an art and style conference is to be held at the Copley-Plaza, March 5, under auspices of the Massachusetts Federation of Women's Clubs. A series of exhibits of the work of the students in the Boston public schools will have a part in the program.

Window displays and departmental exhibits by the merchants, to be judged on their artistic merit without regard to price, quality or origin by an unbiased jury selected by the Industrial Art Institute, is also a feature. A series of displays by the fine arts groups in their own galleries is also scheduled. A general art meeting is to be held at the Museum of Fine Arts, with a tour through part of the museum, under auspices of the Associated Industries of Massachusetts. The chamber is to hold an industrial art meeting, with a speaker of national prominence.

Boston Art Notes

Elizabeth Pitti-Barth

At the Vose Galleries on Copley Square, there is a large and impressive exhibition of the portraits by Elizabeth Pitti-Barth. It ranges broadly across the expanses of the art of portrayal, includes many modes and variations. The artist is not constrained to a single method for she finds the fanciful dictating one vocabulary, the realistic another. To a greater or less degree she allows the personality of the sitter to dominate, stressing volume, pictorial detail, etherealizing, accenting, as she sees fit. Her art reaches from straightforward portraiture, quite objective, to the intimate and romantic in which the model is only a departing point for imaginative indulgence.

The catalogue lists an impressive collection of names, including scholars, statesmen, and persons socially prominent. A particularly vigorous portrait is the one of Charles B. Gulick, professor of classics at Harvard University. The artist has concentrated upon the face, with a very careful modeling that is round, structural and convincing. This firm method relaxes in the portraits of others, gives way to softened effects, appealing more likely to the kith and kin of the subject.

When she depicts women, Mme. Pitti-Barth reveals them in their kindliest and most dignified moments. She swathes them in pale tinted gossamers, in webs of delicate laces, she makes their eyes and gems sparkle; she mounts them against luminous backgrounds. An occasional patch of rich color, a passage of gold enhances the splendor. And then, in subjects such as those entitled "Nataascha" and "Naardyne," fancy wields the brush, the artist indulges her taste for the dramatic and sentimental, she resorts to vivid contrasts, exaggerates the appealing features, reduces details to service of a thought and does not treat them as an end in themselves. In such pictures the artist is judged more truly for here her personal talents are supreme.

Arthur Gibbes Burton

At Grace Horne's Gallery on Stuart Street there is a collection of oil paintings by Arthur Gibbes Burton. The poetry of the outdoors stirs the imagination of this artist to some charming scenic depictions. He discovers in the shadows of hills and trees bright and varying colors that in combination make of his landscapes vigorous designs. Now it is winter, the frost and snow, the cool shadows and glowing light; now it is the springtime verdure, full of warmth and promise. There is a mood of joyousness, a love of nature for its sheer clarity and freshness and impersonality.

At the same gallery, there are portraits by Martha Crocker. She is an artist who mingles her portraiture with thoughtfulness. She seems to discover the model as the center of an absorbing tale, a character, in other words. There is much implied in this ingenuous, unpretentious work that does not seek effects by obvious tricks, but evinces from plainness and simplicity a quiet beauty and ardor quite its own, and savory at that. Her painting is done in broad stroke, is negligent of too careful detail, is insistent upon a particular effect to the exclusion of other qualities of the art.

Guild of Boston Artists

Water colors provide a change in the routine of displays on the walls of the Guild of Boston Artists. The exhibition contains works by Margaret Patterson, Eleanor Motley, Sarah Sears and Sears Gallagher. A comparison of the still life studies by the three women would make a very interesting thesis for an essay entitled "Woman in Art." The different manifestations of talent, the positive tastes, the genuineness of the gift would stir the critical mind to interesting orientation. There are many splendid things in this group.

D. A.

Services of Andrews in Navy Commended

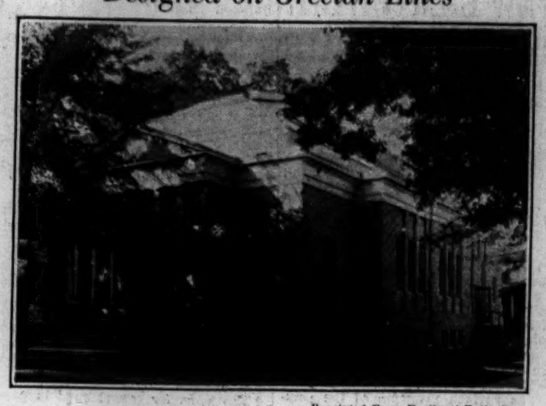
Rear Admiral Philip Andrews, U. S. N., commandant of the Boston Navy Yard and the First Naval District, was highly commended for his many years of able and loyal service in a letter from the Navy Department announcing that he will be transferred to the retired list on March 31, according to the rigid terms of the congressional act which applies to retirement of officers.

The letter said:

"Your career in the active naval service, extending over a period of 47 years, has included many activities within the varied scope of the naval profession. All the duties which have been assigned to you have been discharged competently, ably and to the fullest satisfaction of the Department.

"The Department, therefore, takes this occasion to express to you its appreciation for the long and valuable services which you have rendered to the country during your period of active service in the navy, and wishes you many years of health and happiness."

Designed on Grecian Lines



Reprinted From Ypsilanti Daily Press

First Church of Christ, Scientist, Ypsilanti, Mich.

CHRISTIAN SCIENCE EDIFICE OPENED

YPSILANTI, Mich.—In reporting the opening of the new edifice of First Church of Christ, Scientist, of this city, the Ypsilanti Daily Press printed a complete description of the building, with a sketch of the branch church organization. The following are excerpts:

"One of Ypsilanti's improvements during the year has been the erection of the beautiful Christian Science Church on the corner of Adams Street and Washtenaw Avenue, changing into an expression of beauty what was for many years an unsightly vacant lot.

"The church is of cream brick, with windows of pale amber cathedral glass, and with its columns supporting the portico follows in the main, Grecian ideals of architecture.

"At the rear, with entrance from Washtenaw, are the Reading Rooms. The auditorium when completely seated will accommodate 275. The room is plain and dignified in design, and harmonious in coloring. The walls are deep cream with woodwork in old ivory, doors walnut.

"The lighting of the room is cheerful and ample, in the day, coming through the amber windows with a soft warmth and in the night radiating from a large central light and accessory ones at the side."

FREE TAXICAB RIDES BOOM STORE TRADE

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

BUFFALO, N. Y.—Promoting the theory that a store does not have to be in the crowded shopping district to serve its customers, a Buffalo furniture establishment is capitalizing its position out of the high rent district by offering free taxicab service from the home of the Buffalo shoppers to its door. All that is required of the housewife is to telephone the store and a taxicab is sent for her without charge, whether she buys or not.

"In this modern age, location of a store matters little, for transportation has overcome distance," the newspaper advertisements announcing the new service says.

GOW MAY QUIT POSTAL POST TO ENTER BUSINESS

Report Boston Postmaster Is to Head Warren Bros., Contractors

Col. Charles R. Gow, postmaster of Boston, desires to resign from that position to become president of the Warren Brothers Company, paving contracting firm, it was learned yesterday. Although Colonel Gow will neither deny nor confirm the announcement, it is understood that his resignation has been sent to President Hoover and that a definite statement will be made upon action by the White House, and qualification of his successor.

Reluctantly accepting the position in March, 1929, upon appointment by Mr. Coolidge, then President, following insistence of Republican leaders, Colonel Gow stipulated that he be entirely free from political influence and interference. He has made several changes in the department and has met opposition and political pressure in carrying out policies which differed from those of local and national postoffice officials. He demonstrated, however, a genius for organization in bringing about eventual co-operation between departments of the office.

Colonel Gow failed in opposing plans for the new federal building. He did not think sufficient space was provided and suggested a larger site. His view was not accepted at Washington.

He is chairman of the Metropolitan Planning Commission and has given much time to this work and other civic, business and industrial projects.

Because of the absence of John Dearing, former president of the Warren Brothers Company, Colonel Gow has been active in the work of this company for the last few months. He was formally named to succeed Mr. Dearing yesterday.

Ability both as an executive and as an engineer will be required in the new position, in which Colonel Gow will be called upon to direct large paving projects, including one $70,000,000 job in Cuba. Other contracts call for work in South America, Europe and Canada.

He will retain his position with the planning commission, and probably will continue in his capacity as lecturer on "Humanics" at the Massachusetts Institute of Technology.

Colonel Gow, a native of Medford, graduated from Tufts College in 1893 and since has held various positions as an engineer in both private and civil capacities.

He served in the Spanish-American War and during the World War saw service in the construction division of the army in charge of construction of the Boston supply base.

Colonel Gow, with his wife and five children, lives at 1751 Beacon Street, Brookline.

McKEESPORT TIN PLATE CO.

McKeesport Tin Plate Co. report for the year ended Dec. 31 net profit of $2,402,200 after depreciation, taxes, etc., compared with $1,587,918 in 1928, equal to $8 a share on the outstanding 300,000 shares, compared with $5.29 in 1928.

China Child Welfare Functions in Boston

The Boston committee sponsoring China Child Welfare, Inc., the American movement which is helping the Chinese to solve their child care problems, and which has the indorsement of President Hoover, already is functioning under the chairmanship of Andrew J. Peters.

Contributions are beginning to be received by Stephen H. Roberts of the State Street Trust Company's branch at 130 Massachusetts Avenue.

Clyde F. Armitage has been appointed regional director. Mr. Armitage is well known to Bostonians, because of his long similar work for the Near East Relief. He is a graduate of Boston University, and in 1917-18 he directed the war-time Commission of the Churches, handling the war work of all denominations for the Government.

REFORESTATION BILL ASKS FOR $20,000,000

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

ALBANY, N. Y.—Legislation providing for a $20,000,000 reforestation program over an 11-year period has just been introduced by Charles J. Hewitt (R.), Senator from Locke, chairman of the reforestation commission.

The bill authorizes a constitutional amendment to permit reforestation of 1,000,000 acres outside the State forest preserve as a means of restoring the lumber industry in New York State.

"We have now had the opportunity of using the new Socony Special plus Ethyl gasoline for about one month. We find it to be the best gasoline we have ever used and our cars perform beautifully with it. Not a drop of anything else goes into our Pierce-Arrows or Chrysler demonstrators."—*Amsterdam, N. Y.*

"After making a test of your Socony Special plus Ethyl Gasoline in my Hudson car I am thoroughly convinced as to its merits in absolutely stopping the knock in the motor. Previous to this test the knock was very pronounced in the motor of my car."—*Bangor, Maine.*

"We have used Socony Special plus Ethyl in all Model A cars since this gasoline was put on the market and find that for pick-up, easy starting, economy in operation and quiet motor, we can recommend it to all Model A owners."—*Ipswich, Mass.*

"Your Socony Special plus Ethyl is being used in all my equipment, which consists of one truck and six taxi cars, and we are receiving the best of results from same. I wish to take this opportunity to commend you on having such a fine quality gasoline."—*Westerly, R. I.*

"It lessens gear shifting and eliminates all knocking with an instant pick-up and getaway. I am a great booster for Socony Special."—*Lawrence, Mass.*

"Due to the fact that I operate 22 trucks and 6 buses I consume approximately 150,000 gallons of gasoline yearly. And it is to my interest to use a fuel that will give the best results mechanically and financially. After trying various brands of gasolines and motor oils I am convinced that Socony Special plus Ethyl gasoline and Aircraft Motor Oil have no equal."—*Amsterdam, N. Y.*

"I thought that Special plus Ethyl would be just like all the rest and that, other than the introduction of Ethyl fluid, nothing much could be expected. Imagine my surprise, when I first tried it out. I find that it actually performs far beyond anything I could possibly expect from an ordinary Ethyl gasoline. The mileage I obtain and the power and no-knock qualities are certainly worth the small addition in price."—*Cooks Falls, N. Y.*

"Coming out of Jackman, Maine, recently, my tank being empty I stopped at a Socony station and filled up with your new Socony Special plus Ethyl. Rather had thought that nothing more could be done to improve my car's performance, but the new gas made that long mountainous trip to The Forks in record time and never a knock on the steepest grade. Will be happy to recommend this fuel to our customers, especially those planning long tours."—*Salem, Mass.*

"After trying out your new Socony Special plus Ethyl gasoline I have found it to work out excellently in my 1928 Hupmobile. I am certainly shouting for your new Socony Special plus Ethyl."—*Providence, R. I.*

"I have used Socony Special plus Ethyl gasoline in two cars since it was put on the market and have had better results than with any other gasoline. With Socony Special plus Ethyl the car runs smooth and sweet and does not seem to form carbon."—*Fall River, Mass.*

"I have been using Socony Special plus Ethyl in my Chandler car and find it superior to any other gasoline I have ever used. I have driven this car about 25,000 miles and have never had the head off nor replaced a spark plug. I certainly take great pleasure in boosting this product. On a recent trip of over 300 miles I averaged 22 miles to the gallon."—*Dedham, Mass.*

SOCONY SPECIAL *plus* ETHYL is the best gasoline

"Of course, we use Socony Special plus Ethyl gasoline in our car. The Special makes the car so much more snappy."—*Brunswick, Maine.*

"My experience with the splendid performance of your Socony Special plus Ethyl in my trucks and personal car prompts me to let you know that in this day of fanciful claims for gasoline by various companies it is a pleasure to find that your new product is exactly what you represent it to be in your advertisements."—*Syracuse, N. Y.*

"Having been a user of your products for the past six years, with very good results, we take pleasure at this time in stating that we are now using Socony Special plus Ethyl and find a very great improvement in the running of our equipment."—*Clinton, Mass.*

"I would like to take the liberty of congratulating you on your new Socony Special plus Ethyl. It certainly works wonders in my car."—*Boston, Mass.*

"My car needed the carbon removed and had a decided knock particularly when ascending hills, but as is frequently the case one neglects for weeks to have this done, so I decided that first I would see what effect Socony Special plus Ethyl might have on my engine in spite of the carbon. Much to my surprise, I could not make my engine knock, no matter how I had abused it. Such a remarkable change together with the greater power was a revelation to me and my enthusiasm prompted me to relate this experience to you."—*Buffalo, N. Y.*

"We have been buying Socony Special exclusively and certainly do like it."—*Brooklyn, N. Y.*

"No doubt you would like to know my opinion of your new Ethyl gas. To me it is the best yet and I have used other brands since they have been on the market, but Socony seems to have the better pick-up and more real power and personally I am pleased that you have added this fuel to your other dependable products."—*Kenmore, N. Y.*

not because we say it is—but because these

"Since using your Socony Special plus Ethyl, we find our car runs much smoother, just hums along."—*West Haven, Conn.*

"After having used Socony Special plus Ethyl in my Buick you could not persuade me to use any other. A short time ago I developed a carbon knock which has been entirely eliminated since I have been using the new gasoline. I certainly cannot recommend this product too highly."—*West Roxbury, Mass.*

"Since you started marketing your Socony Special plus Ethyl compound I have found a noticeable difference in the performance of my Packard Six. The entire absence of any knocking on the hills and the additional miles I have been able to cover under relatively the same conditions have convinced me the extra cost is more than absorbed by the added performance with this fuel. A friend of mine recently made a test with his Essex and insists he is getting at least eight per cent more mileage per gallon."—*Turners Falls, Mass.*

"I would not take any other gasoline as a gift—other than Socony Special plus Ethyl."—*Colebrook, N. H.*

"I have been using your company's Special gasoline for a year and the new Ethyl treated product since it was introduced, with entire satisfaction. As a new car dealer, I am interested in obtaining a motor fuel that will produce the best results and have found your new Special gasoline all that is to be desired. It has eliminated detonation entirely and gives an excellent all-around performance in a motor."—*Salem, Mass.*

"The writer, on a recent trip through Maine, used Socony Special plus Ethyl, with one exception. At that time he used an ordinary grade of gasoline and noticed his motor knocked tremendously on the hills. After refilling with the Special plus Ethyl, a great difference was noticed."—*Salem, Mass.*

"I find that Socony Special plus Ethyl gasoline gives greater mileage, more power and a cooler motor than any other gasoline used."—*Amsterdam, N. Y.*

motorists and thousands of others *find* it so!

"I find Socony Special plus Ethyl all that you recommend it. A tank full of it in my Buick car for which I am local agent, cuts my sales effort considerably. I have found that for high compression motors, Special Ethyl increases the mileage, absolutely eliminates the knock, and the feeling of power one gets from it is truly surprising. I do not hesitate to recommend it to anyone who wants to get the 'new car feel.'"—*Livingston Manor, N. Y.*

"You have hit it. Socony Special plus Ethyl is the last word. Probably no Lincoln car on the road has the careful check-up that mine has, so I am in a position to state facts. I was due for a carbon removal when you brought out the Special plus Ethyl. I tried your gasoline first. The ping left my motor and I have rolled up over 2,800 miles since. Saving, one carbon removal. My motor never purred better. It is my recommendation to all my customers who desire 100% performance."—*Boston, Mass.*

"We take this opportunity to offer our congratulations to your company for a job well done, when you placed your new Socony Special plus Ethyl gasoline on the market. We have given this gasoline a most severe test and can truthfully say that after having given the same test to various other brands of gasoline, we have found the new Socony Special, the best.

"Our service manager and our mechanics simply marvel and wonder over the remarkable change in the power, pick-up and speed of our service car, and orders have been issued to our service department that all cars in service either as demonstrators, service cars, or used cars be powered with Socony Special plus Ethyl."—*Staten Island, N. Y.*

"May I take the liberty of reporting my experience with your new Socony Special plus Ethyl gasoline. I own a 1923 Dodge car, which I use every day in business, and which has gone about 30,000 miles. It is quite evident that with this mileage behind it, the car is in need of new piston rings and a general overhauling, for it has knocked and labored on any grade, probably because of carbon deposits and general fouling because of the oil working up in the combustion chamber due to the wear of the rings.

"I have had an estimate of the work necessary, which is about $70.00. As the car only has a market valuation of about $100.00, I have not figured it worth the expenditure.

"I had just about decided to get along with the knocking, poor performing car, when very skeptically I chanced to fill the tank with the new Socony Special. Believe me, I found a difference, all that you have claimed for it and more. I find that I can press the gas down hard to the floor board at any time or condition, and there is not a sign of a knock or labor.

"It is almost unbelievable in this case, where the trouble is due to mechancial wear, and heavy carbon deposits, that any gas could produce a smooth quiet motor. I shall certainly be a rooter for the new Socony Special from now on."—*Malden, Mass.*

"When selling a new car I have always made it a practice to advise the use of Special Gasoline and Aircraft Oil. By so doing I feel my customers will be well satisfied."—*Clinton, Mass.*

"I have been using Socony Special gasoline for several months past and am now continuing with Socony Special plus Ethyl. There are five trucks and five automobiles (Cadillacs) in use at the present time and although none of them have high-compression motors there is a noticeable difference in power and smoothness."—*Salem, Mass.*

"Results from using Socony Special plus Ethyl gasoline in my Stutz are so amazing that I can't resist bringing your attention to the fact that I am using this wonderful gas."—*Burlington, Vt.*

"While in Manchester, Vermont, I heard a talk over the radio telling of the new Socony Special gasoline plus Ethyl and I made the remark to my son that I thought it was a lot of 'hooey' but that I was going to fill my car with this new gasoline when I went home to see if there was any truth in the statement that the motor would not knock.

"I did not believe in the proposition and experimented to see for myself and I found that I could put on full power on hills without a sign of a knock in my engine. This ride is over what is known as Peru Mountain and there are certainly plenty of hills on the route."—*Providence, R. I.*

"I am recommending Socony Special plus Ethyl to all my friends."—*Hallowell, Maine.*

"For the past two weeks we have been using your Special plus Ethyl gasoline and find a big improvement in the performance of our new Ford cars. We have found it impossible to make a car knock under any condition."—*Winchester, Mass.*

"I would like to call to your attention, the good results I am getting from your new Special plus Ethyl gas. I have been using Socony Special for the last twenty months and have always been able to get the maximum of power, without carbon or knocks, and since using the new Special plus Ethyl I find results are still better."—*Saugus, Mass.*

"Socony Special plus Ethyl removes the 'dreaded' knock from the motor, and all in all there is a marked improvement in the general performance of the car."—*New York City.*

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ANNOUNCEMENT

We Wish to Announce the Opening of the Second

Frank Ready's Men's Shop

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BOSTON, MASS.

WOOLWORTH BLDG.—PROV., R. I.

BOSTON'S BARS WITH FIXTURES, ORDERED DOWN

Licensing Board Aims to Eliminate Old Saloon Atmosphere

The last traces of Boston's 700 saloons of pre-prohibition days, must go, it was indicated in an action taken by the licensing board, which asked Herbert A. Wilson, police commissioner, to submit a report of places still clinging to the brass rail, sawdust floor, or other typical barroom fixtures.

David T. Montague, chairman of the board, disclosed for the first time that a steady campaign of extermination has been waged against the saloon atmosphere still retained by many restaurants and soft-drink parlors which took over former saloons. When prohibition first went into effect, many of the saloons went out of business at once, but others were continued as common victualers or places where "pop" could be procured.

Would Change Atmosphere

It was the board's intention gradually to transform these places, Mr. Montague said, and to eliminate the saloon atmosphere, which, it is felt, is repugnant to the community as a whole. Some of the proprietors who were extended licenses abused their privilege and were closed out, Mr. Montague said. Others gradually changed their equipment under the board's recommendations until they became ordinary restaurants.

Mr. Wilson, in response to the request of the licensing board, asked for reports from captains of police in the various districts of the city. It is expected that reports will be in by Monday, Mr. Wilson said.

To what extent places are still operating which savor of the days of swinging doors, half-cleaned plate glass windows with rows of bottles on their ledges and sawdust floors is not definitely known, Mr. Wilson said. The present check-up may result in a final elimination of the traditional bar-room atmosphere in Boston, it is said, but the licensing board is awaiting results of the survey before taking such action.

Only a Dozen Left

Mr. Montague gives it as his opinion that there are not more than a dozen places that will need specific attention, out of the 700 of former days.

In asking Mr. Wilson for information about the former bar-rooms, Mr. Montague's letter said, "The board would appreciate any suggestions on your part as to what if anything, should be done to change and improve the appearance and character of such places." The board's survey is intended to cover only those places operating under their license. Speakeasies are outside its scope.

COAST GUARD GOES SOUTH

NEW LONDON, Conn. (AP)—Six destroyers of division 1 of the coast guard left their base here Feb. 6 for St. Petersburg, Fla., for winter target practice. Five hundred officers and men were on board. The division is expected back in six weeks.

WORLD PEACE TREND STEADY, ZIMMERN SAYS

Firmly Believes Nations Have Fully Recognized Ineffectiveness of War

The world is organizing for peace with the growing conviction that war wastes immense forces for small ends, Alfred Zimmern, director of the Geneva School of International Studies, told an audience at Harvard University i nthe second Godkin lecture.

Five main trends that have revolutionized international relations in recent times were said by Mr. Zimmern to be interlocking economic organizations, democracy, fluidity as contrasted with the old static order, modern methods of study, and the desire for peace.

As a result of the interplay of these developments, Mr. Zimmern said, a new world order has been produced, in which the Kellogg peace pact and the Covenant of the League of Nations are foundation stones. The elimination of chance and the introduction of engineering methods into political affairs were said by Mr. Zimmern to be essential to progress.

Peace Aims Effective

"Having outgrown superstition and an impractical emphasis upon abstract political dogmas, it is unthinkable that the world should ever be willing to return to war as an attempted method to solve its problems. There is a growing recognition among the nations that a dogmatic insistence upon local ambitions, which has led to many wars, is less effective in the promotion of national prosperity than a willingness to work for the same end by peaceful means.

"Suppose a nation wants 100 per cent satisfaction on some question of policy in its dealings with other nations. Formerly, it would rush into war rather than take a 75 per cent solution of that problem. Now it is recognized that even a 50 per cent solution is preferable to plunging the whole nation, or the whole world, into war."

Political forms of government, Mr. Zimmern said, have not kept pace with economic development. The world is organized as an economic community, in which no country, even the United States, is self-sufficient, he said. Interlocking economic organizations provide a flexible system in which co-operation and confidence are key factors.

Notes Political Progress

Meanwhile political governments, acting on traditional theories and practices, have found it more difficult to adapt themselves to the changing world order. Progress is being made, Mr. Zimmern said, and the flexibility of economic structure is being given the advantages of order based on law.

"Why not let business govern?" Mr. Zimmern asked, "if it is more in accord with modern methods. The answer is that the very flexibility of business, based as it is upon private gain, makes necessary the existence of agencies to preserve order in the interests of the community as a whole. For the needs of the modern world, it seems best to me to retain and improve the old forms of political government, and integrate into them forms designed to meet new needs as they arise."

Democracy and economic development have made even dictatorships of today less absolute than in the old order, Mr. Zimmern said. In order to have economic wealth, the dictator must introduce education, since an intelligent populace is essential to economic prosperity.

Education in its turn tends to deprive dictatorships of their absolute authority. Economic development properly guided should lead away from materialism, he concluded.

NEW HAMPSHIRE BOARD REVEALS TAX CUT PLAN

Relief for Timber Owners, Levy on Incomes and Utilities Advised

CONCORD, N. H. (AP)—The recess tax commission made public on Feb. 7 its proposal for tax equalization in New Hampshire, revised in the light of recent interpretative and advisory opinions of the State Supreme Court. This proposal will be submitted to the Legislature in special session beginning Feb. 18.

The revised program of the commission proposes that approximately $1,500,000 of the annual tax burden be lifted from "the overtaxed communities and interests to the proportionately undertaxed trade centers and interests whose continued prosperity depends in a very great part upon tax relief, which will help restore the once great vitality of the towns."

The relief is provided for by exemption of standing timber, the principal natural revenue of the towns, exemption of the finished product of manufacturers and greater equalization of school costs.

Relief of all towns and cities from the maintenance of trunk lines and state aid highways is also proposed.

Funds by which this relief would be provided will be derived from a tax upon franchises of gas and electric utilities, and a tax on personal and corporate incomes.

The major revision in the tax program, made by the commission following a review by the Supreme Court of New Hampshire, is the proposal to exempt finished products for manufacturers. It is estimated that the revenue loss from this exemption will be $275,000 a year, to be made up to the communities through the equalization fund, whose revenue will derived from the utility tax and the personal and corporate income tax.

The equalization fund also cares for losses of towns through the other forms of relief.

Exemptions Explained

Discussing exemption of finished products from taxation, the commission reports, "There is much economic ground for exempting this particular type of stock-in-trade. Materials in process of fabrication absorb a considerable amount of labor cost, all reflected in the value of the finished product."

The commission reports that "the total taxes raised annually in New Hampshire are $22,000,000" and calls attention to the fact, revealed by its study of nearly three years that "for 40 years the trade centers have increasingly paid proportionately less of this amount and the smaller trade area communities proportionately more, until the latter today contribute 10 per cent more than their fair share."

Two minority reports were filed with the commission's report. One is signed by Milan A. Dickinson of Keene, chairman of the interim tax commission, and by George H. Duncan, take exception to the exemption of $1200 for a single person and $2000 for married persons in the personal income tax. They propose exemption of $1500 for single persons and $3000 for married persons.

Higher Exemptions Asked

The minority report says in part: "So far as we can learn, the question as to the amount of exemptions allowed under the income tax was not urged in the briefs presented to the Supreme Court. It is entirely possible that proper argument on this point might convince the court that exemptions higher than the amounts set in the opinion were still reasonable. Under these circumstances, while supporting the recommendations of the commission as a whole, we reserve the right to support before the Legislature exemptions of $1500 for single persons; $3000 for married persons, with allowance of $250 for each dependent; but that there should then be incorporated in the bill an alternative provision that if it should be declared unconstitutional on the ground of unreasonable exemption, the rates proposed by the commission should be effective.

"There also should be incorporated in the bill a provision that if the lower rates become effective for this reason, on the following Jan. 1 the registration fee for automobiles should automatically be reduced by a definite reduction of rates and amount equaling, as nearly as possible, the extra income tax to be paid on account of lower exemptions."

Robert B. Hamblett, a Nashua lawyer, filed the other minority report. He also contends that exemption on personal income taxes are too low. These exemptions, he said, "would be unfair to many hard working people of limited means. A man and wife with two children earning a total income of $2100 ought not be forced to pay 1 per cent on income tax.

"I am opposed to the proposed income tax because I believe that it is not necessary to the welfare of the State. Those who favor the income tax should seek the adoption of the constitutional amendment permitting adequate exemptions."

Mr. Hamblett did not sign the majority report of the commission.

Radio Tonight

EASTERN STANDARD TIME

WEEI, Boston (590kc-508m)

5:00 p. m.—Lucia Lee, soprano.
5:20 WEEI, String Ensemble; news.
6:30 NBC, "American Home Banquet"; historical characters brought to microphone.
7:00 Big Brother Club; "The Quiz."
7:25 "Cap'n Bailey and Widder Dyer."
7:30 Whiting's Buddy and Blake Adventures.
8:00 NBC, Cities Service Concert Orchestra; Jessica Dragonette, soprano; Cavaliers; male quartet; Leo O'Rourke, tenor.
9:00 NBC, Clicquot Club Eskimos' Orchestra, direction of Harry Reser.
9:30 Leopold Morse Dormitory Doin's; Vocal group.
10:00 Fox Furriers; Earl Nelson and John Herrick, soloists; trio, orchestra.
10:30 Weather and Flying, E. B. Rideout.
10:35 WEEI Organist, Del Castillo; news.
11:15 "Igmus and Intellec"; time.

WBZA and WBZ, Boston and Springfield (990kc-303m)

5:45 p.m.—Junior Aviation League.
6:00 Weather; agriculture markets; Chimes.
6:20 Sport Digest.
6:30 Shaler Five Minute Men (recorded).
6:45 Ballinger's Keyboard Vagabonds.
7:00 NBC, "Amos 'n' Andy."
7:15 The Jesters: voices and uke.
7:30 NBC, Dixies Circus: circus stories, Uncle Bob Sherwood; novelty band.
8:00 Bond Bread International Program; (recorded).
8:30 Little Busters' Corn Poppers (recorded).
8:45 NBC, Natural Bridge sketch; "Bonnie Jean and Bobby Burns."
9:00 NBC, Interwoven Pair: Billy Jones and Ernest Hare, vocal duo; orchestra.
9:30 NBC, Armour Program; Jubilee Singers; mixed chorus; concert orchestra.
10:00 NBC, Armstrong Quakers; Lois Bennett, soprano; Mary Hopple, contralto; male quartet; concert orchestra.
10:30 Bert Lowe's Statler Orchestra.
11:00 NBC, Longines time.
11:01 NBC, Hamilton-Brown "Sketch Book"; dramatic episodes.
11:15 Weather; Sport Digest.

WNAC, Boston (1230kc-244m)

5:00 p.m.—Ted and his Greater Gang; talks, dance music.
5:45 Lipton's Dance Program; time.
6:00 "Salons of Other Days"; concert music.
6:15 Purple Petrolizers; dance music.
6:30 Scott Dinner Orchestra; Oracle.
6:45 New England Coke Star Gazers; concert music.
7:00 Time; news; weather.
7:10 Howard Fashion Plates; vocal.
7:20 "Editorial News Review of Foreign Affairs," James H. Powers.
7:30 Leopold Morse Birthday Serenaders; orchestra.
7:45 "Books and Authors," Edwin Francis Edgett.
8:00 CBS, Brown-Bilt Footlites; talk, Fannie Hurst, novelist; original skit, David Ross and Henry Burbig; "Buster and Tige"; Robinhood Quartet; orchestra.
8:30 CBS, Eversharp Penmen; variety musicale.
9:00 CBS, Dramatic sketch and music.
10:00 CBS, Brunswick Program; bass soloist; male quartet; concert orchestra.
10:30 CBS, Curtis Institute of Music Program; Florence Frantz, pianist; Swastika String Quartet; Florence Irons, soprano; Lily Matison, pianist.
11:00 Time; news; Jimmie Gallagher and his orchestra.
11:30 Perley Stevens and his orchestra.
12:00 CBS, Duke Ellington and his orchestra.
12:30 a. m.—CBS, "Midnight Melodies"; Ann Leaf, organist.

WHDH, Boston (830kc-361m)

5:00 p. m.—Henri Piller, pianist and composer; John E. Daniels Jr., tenor.
5:15 Anne Walker and Anna De Marco, "The Radiyodelers."
5:30 Twilight recital.
6:00 Fishermen's Broadcast.
6:15 Harry Magazine and his orchestra.
7:00 Weather report; time.

Tomorrow's Features

WEEI

8:00 a.m.—NBC programs.
9:00 a. m.—Studio musical programs.
10:30 a. m.—NBC programs.
2:30 p. m.—Studio musical programs.

WBZA

8:00 a. m.—NBC programs.
8:30 a. m.—Studio musical programs.
10:00 a. m.—NBC programs.
11:00 a. m.—Studio musical programs.
1:00 p. m.—NBC, Farm and Home Hour.
3:00 p. m.—La Selva's Rockmere orchestra.
4:15 p. m.—Walter Korb's orchestra.

WNAC

8:00 a. m.—Studio musical programs.
10:30 a. m.—CBS programs.
12:10 p. m.—CBS programs.
1:00 p. m.—Studio musical programs.
2:30 p. m.—CBS, "Patterns in Prints."
3:00 p. m.—Studio musical programs.
4:00 p. m.—CBS programs.

POULTRY INDUSTRY GROWS

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

HARTFORD, Conn.—The poultry men of Connecticut are doing an annual business of approximately $10,000,000, Professor Roy E. Jones of the Connecticut Agricultural College revealed at the twenty-fifth annual meeting and mid-winter institute of the Connecticut Poultry Association. Steadily increasing egg production, he said, is putting the industry on a sound basis.

EVENTS TONIGHT

New England Sports and Boat Show, auspices State Department, American Legion, Boston Garden Exposition Hall, until 11.

Eleventh anniversary dinner, Boston Dickens Fellowship, addresses by S. K. Ratcliffe, journalist, of London, and Frederic W. Cook, Secretary of State, Georgian Room, Hotel Statler, 6:30.

Field and Forest Club; excursion committee meeting, Twentieth Century Club, 3 Joy Street, 6:15.

Boston Y. M. C. A.; meeting, Beacon Club, Young Men's Club Room, 9.

Women's City Club of Boston; lecture by S. K. Ratcliffe, London journalist and publicist, on "The Silent Revolution in England," Clubhouse, 7:45.

Copley-Plaza; dance, Boston Simmons Club, Ballroom and Foyer, 8:30.

Lecture, auspices School of Fine Arts and Crafts, on "Dynamic Symmetry," by Howard Giles, School Hall, 234 Beacon Street, 8.

Fourth annual conference, Metropolitan Division of the Girl Scouts, talk on "Juliette Low, founder of the Girl Scout Movement in the United States," by Mrs. Arthur H. Choate of New York, Brookline High School, 8.

Norwood Council Fire, Camp Fire Girls, presentation of honorary membership to Mrs. Frank G. Allen, who will be given name of "Tanda" by the Council, singing, ritual work and patriotic episode, Gymnasium, Norwood Junior High School, 7:30.

Twentieth anniversary founding of the Boy Scouts of America, commemorative exercises in each of the troop quarters, through Thursday.

Burdett night, dance, impersonations and musical numbers, address of welcome by F. H. Burdett, president Burdett College, Imperial Ballroom, Hotel Statler; reception, 8-8:30; entertainment, 8:30-9:45; dancing, 9:45-1.

Theaters

Copley—"The Middle Watch," 8:15.
Colonial Theater—"Simple Simon," Ed Wynn, 8:15.
Majestic—"Babes in Toyland," 8:15.

EVENTS TOMORROW

Twentieth anniversary of the founding of the Boy Scouts of America, bugling contest for the championship of the Boston Council, Charlestown Navy Yard, on board the receiving ship, 3.

Twenty-third annual meeting, eastern section of the Classical Association of New England, principal address by Frederic J. DeVeau, of Groton School, on "Co-operation Between School and College in Classical Education," other speakers, Miss Mary H. Buckingham, Miss Barbara P. McCarthy, Miss Grace E. Hackett, and Prof. George H. Chase, Lecture Hall, New Fogg Art Museum, 10.

Luncheon and anniversary meeting, Margaret Corbin Chapter, D. A. R., Women's Republican Club, 1:30.

Copley-Plaza; luncheon, Foreign Policy Association, talks by James G. MacDonald, chairman of the National Foreign Policy Association, and Charles K. Webster, professor of history at Harvard University, on "The Chinese Revolution and the Problems Which Followed It;" 1; lecture, Alliance Francaise, State Suite, 2.

Appalachian Mountain Club meet at North Station for 1:20 p. m. to Lowell Street; Natural History; meet at John Boyle O'Reilly Monument in Fens, 1:45; skiing, meet at Milton Rapid Service Station, 2:30.

Talk by Carroll L. Beedy, Maine Representative to Congress on "Our Policy in Haiti and the Philippines," University Club, 1.

Field and Forest Club, four-mile walk, meet at Chestnut Hill car line terminal, 2:30; take Chestnut Hill car from Park Street Subway, allowing three-quarters of an hour.

Meeting and dinner, Massachusetts Schoolmasters' Club, address by Dr. Samuel W. Stratton, president, Massachusetts Institute of Technology, on "Research," Dr. Edward F. Miller, head of the department of mechanical engineering, M. I. T., on "What Kind of Boy Ought to Enter M. I. T.," and Prof. Gordon B. Wilkes, on "Extreme Low Temperatures; Some Phenomena and Applications," Walker Memorial Building, 1.

Brookline Bird Club; bird walk, Winchester Reservoirs and Middlesex Fells, visit to a private estate to look for a wintering mocking bird, take 1:15 train at North Station for Winchester.

Women's Republican Club of Massachusetts; lecture in series by Miss Janet Richards, lecturer on current questions, on "Public Questions: Home and Foreign," Clubhouse, 10:45.

Boston City Club; motion picture entertainment, Auditorium, Clubhouse, 2.

Closing day, New England Sports and Boat Show, auspices State Department, American Legion, Boston Garden Exposition Hall, 2 to 11.

Fourth annual conference Girl Scouts of the Metropolitan Boston District, talks by Alice Magnant on "Friendliness Through Camping," Mildred Furber on "World Scouting and Guiding," and Dru Ella Matthews on "Bringing World Scouting and Guiding in the Troop," Brookline High School, 9:30.

Current Exhibitions

Museum of Fine Arts, Huntington Ave.—Admission free. Open daily from 9 to 4:30 except Monday, when the museum is closed. Sundays, 1 to 5. Free guidance in the galleries Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays at 11 o'clock. Special Exhibitions: Books, illustrated by Auguste Lepere; lent by William A. Sargent; 18th century French color prints lent by Robert Treat Paine 2d; etchings by Rembrandt; etchings by Daniel Chodowiecki; etchings by Charles Keene; contemporary American etchings.

Isabella Stewart Gardner Museum, Fenway Court—Open on Tuesdays, Thursdays and Saturdays from 10 to 4, with admission fee of 25c. Sundays from 1 to 3, with admission free.

Fogg Art Museum, corner Quincy Street and Broadway, Cambridge.—Open week days, 9 to 5; Sundays, 1 to 5; admission free. Exhibition: Maya art lent by the Peabody Museum; exhibition of etchings of Rembrandt van Rijn; exhibition of early Chinese pottery and rubbings of Chinese stone of the Han Dynasty, from the Charles Bain Hoyt collection. Loan exhibition of Persian paintings, through Feb. 13.

Twentieth Century Club, 2 Joy Street—Oils and water colors of Bermuda and New England, by Frank Carson. Through Feb. 13.

Goodspeed's Print Shop, 7 Ashburton Place—Wood engravings after Winslow Homer.

Robert C. Vose Galleries, 559 Boylston Street—Paintings by Elizabeth Pluttl-Barth. Through Feb. 15.

Casson Galleries, 575 Boylston Street—Paintings by Anthony Thieme. Through Feb. 8.

Society of Arts and Crafts, 9 Park St.—Prints by modern American and Continental etchers. Through Feb. 15.

Goodman's Print Shop, 667 Boylston St.—Twenty-seven prints by 27 contemporary artists.

Grace Horne's Gallery, 446 Stuart Street—Exhibition of paintings by Arthur Gibbs Burton. To Feb. 15.

The Print Shop, 261 Newbury Street—Old sporting and ship prints in colors.

Schervee Studios, 665 Boylston Street—Prints by C. R. W. Nevinson.

Myles Standish Galleries, Myles Standish Hotel, Kenmore Square—Miscellaneous exhibition of oils, water colors and pastels by American artists; water colors of Italy by G. T. Chan; chalk drawings by Robert Strong Woodward. Through Feb. 8.

Copley Galleries, 102 Newbury Street—Water colors by Ralph W. Gray. Through Feb. 8.

N. M. Rivers Studio, 500 Boylston Street—Paintings of New England landscapes by Bertus Pietersz. Through Feb. 15.

Mrs. Pancoast's Gallery, 154 Newbury Street—Paintings by Edmund Archer of Richmond, Va.

Vital Studio, 204-209 Pierce Building, Copley Square—Paintings water colors and pastels.

Doll and Richards, 128 Newbury Street—Paintings of ships by Frank Vining Smith. Through Feb. 11.

Providence Art Club, (R. I.)—Paintings by five Providence artists. Through Feb. 9.

The Opera Season

Friday, Feb. 7—Charpentier's "Louise," with Mmes. Garden, Claessens; Messrs. Maison, Marcoux. Conductor: Polacco.

Saturday matinée, Feb. 8—Strauss's "Der Rosenkavalier," with Mmes. Leider, Mason, Olszewska; Messrs. Kipnis, Ringling, Maison. Conductor: Poliak.

Saturday evening, Feb. 8—Verdi's "Rigoletto," with Mmes. Salvi, Glade; Messrs. Cortis, Bonelli, Lazzari. Conductor: St. Leger.

Monday, Feb. 10—Massenet's "Thais," with Miss Garden; Messrs. Marcoux, Mojica. Conductor: Moranzoni.

Tuesday, Feb. 11—Bizet's "Carmen," with Mmes. Olszewska, Mason; Messrs. Maison, Formichi, Cotreuil. Conductor: Cooper.

Wednesday matinée, Feb. 12—Wagner's "Tannhäuser," with Mmes. Raisa, Leider, Freund; Messrs. Strack, Bonnelli, Kipnis. Conductor: Polacco.

Wednesday evening, Feb. 12—Verdi's "La Traviata," with Mme. Muzio; Messrs Hackett, Inghilleri. Conductor: Moranzoni.

Thursday, Feb. 13—Debussy's "Pelléas et Mélisande," with Mmes. Garden, Claessens, Freund; Messrs. Mojica, Marcoux, Cotreuil. Conductor: Polacco.

Friday, Feb. 14—Beethoven's "Fidelio," with Mmes. Leider, Kersting, Messrs. Maison, Ringling, Baromeo. Conductor: Cooper.

Saturday matinée, Feb. 15—Massenet's "Le Jongleur de Notre Dame," with Miss Garden; Messrs. Formichi, Cotreuil, Ritch, Ringling, Defrere. Conductor Polacco. A ballet to follow.

Saturday evening, Feb. 15—Verdi's "Il Trovatore," with Mmes. Muzio, Van Gordon; Messrs. Cortis, Inghilleri, Lazzari. Conductor: Moranzoni.

WEATHER PREDICTIONS

U. S. WEATHER BUREAU REPORT

Boston and Vicinity: Cloudy and warmer, preceded by light snow tonight; Saturday partly cloudy and slightly warmer; moderate south to west winds; the minimum temperature tonight will be near 22.

Southern New England: Cloudy, not quite so cold, preceded by light snow tonight; Saturday partly cloudy; slightly warmer; moderate east, shifting to west winds.

Northern New England: Snow, not quite so cold tonight; Saturday partly cloudy; slowly rising temperature; moderate southwest and west winds.

Official Temperatures

(8 a. m. Standard time, 75th meridian)

Albany	10	Memphis	46
Atlantic City	32	Montreal	12
Boston	20	Nantucket	26
Buffalo	26	New Orleans	54
Calgary	18	New York	28
Charleston	50	Philadelphia	26
Chicago	28	Pittsburgh	38
Denver	34	Portland, Me.	6
Des Moines	28	Portland, Ore.	44
Eastport	0	San Francisco	52
Galveston	54	St. Louis	36
Hatteras	50	St. Paul	18
Helena	26	Seattle	42
Jacksonville	56	Tampa	52
Kansas City	38	Washington	28
Los Angeles	50		

High Tides at Boston

Friday, 5:30 p. m.; Saturday, 5:53 a. m. Height of tides, 8.1 feet, 9.4 feet.

Light all vehicles at 5:35 p. m.

Bolt From Frigate Goes to Revere Kin

A copper bolt, made by Paul Revere, the last of the 41 of its kind taken from the bottom timbers of the old Frigate Constitution now in process of restoration at the Charlestown Navy Yard, was formally presented to Edward H. R. Revere, a great-great-grandson of Paul Revere, by Rear Admiral Philip Andrews, aboard the deck of the historic craft, Feb. 6.

Mr. Revere received the bolt in behalf of the Revere Copper & Brass Company, Inc., a company founded by Paul Revere in 1801, which still bears his name and manufactures products similar to those originally made by the famous revolutionist.

The bolt is 21 inches long, and is mounted on a piece of white oak, with the inscription, "This copper bolt was removed from the U. S. Frigate Constitution in 1928."

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FRESH ROLLS
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15 pieces
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This is one of the fastest moving specials in the Housewares Sale DECAGON SHAPED pieces. New color for your luncheon table now and for porch parties in the spring: 4 cups, 4 saucers, 4 plates, 1 sugar, 1 creamer, 1 handled tray.
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WHEN you purchase goods advertised in The Christian Science Monitor, or answer a Monitor advertisement—please mention the Monitor.

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Be thrifty! Have the "runs" in your stockings repaired by our new electric process at a small cost! Bring yours in today!
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Walk-Over Final Clearance SALE
$5.95 to $9.95
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now in progress
The February Furniture Sale
You Can Save from 10% to 40%
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And the values are enhanced because Denholm's furniture is style-right. Every piece of furniture included in this sale is designed according to the dictates of the best furniture fashions. The woods are the fine woods used in the accepted fine furniture of the day. The upholstery fabrics are the smart fabrics representative of good taste in furniture. The complete designs are the acme of smart designs created by the best furniture manufacturers.
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Double Brace
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modernistic leatherette covering in green and black. Frame colors black, red, green, mahogany.
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OZARKS' YELLOW GOLD DISPLACED BY RED TOMATO

1929 Crop Brought $6,000,000 'Cash on Barrel-Head' From the Canneries

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

JOPLIN, Mo.—The echo of Horace Greeley's admonition, "Go West, young man, go West" still reverberates in eastern ears.

One becomes convinced of this westward trend on observing moving vans by the scores pulling into the awakening Ozarks region of Missouri and Arkansas. They follow new graveled highways into the hill country, laden with an ill assortment of furniture, perhaps a cow, always a dog, and riding atop are wide-eyed children taking in the passing show. Many of these vans bear registration plates from such industrial centers as Ohio, Michigan and Pennsylvania.

What does it mean? That the Ozarks are steadily absorbing more than its quota of working folks who have lately been cogs in an industrial machine in which labor-saving devices are working vital changes. Where for years farms have been deserted for factories and the weekly pay check, the new conditions, coupled with that primitive longing for a place in the open, are causing a backward trek to the soil, competent authorities in Missouri declare.

Men who have been drawing good wages in industry, girls and women from the factories, even clerks and other white-collar workers are settling down in log-cabin homes beside the open road, to earn their daily bread by working afield, in community stores, canning factories or in the woods as tie hackers. Their decision to remain is followed by the new improvement in evidence throughout the Ozarks.

Land Almost Given Away

When homesteaders first settled in the Ozarks, a quarter-section could be had for $14 from the Government. Improvements were limited only by the settler's brawn. Woods were filled with game, streams with fish, and wild grasses sustained the stock. Chopping ties furnished ready money and trapping was profitable.

Most of these sources of income are gone. But the hills produce rich crops of tomatoes, beans, strawberries. Tomatoes are perhaps the quickest money crop today. They bring around $15 a ton, and a crop on the rough and rockiest of the Ozarks pays its owner $50 an acre, often $100 an acre, it is said.

In Taney and Stone Counties of Missouri are grown most of the tomatoes. There are 27 tomato and bean canneries in Taney alone. The tomato crop sold for around $6,000,000 in 1929. The community canneries are mostly owned by wholesale houses and chain grocery stores, who pay "cash on the barrel head" for the crop and for the labor employed in the canning plants.

Yes, "there's gold in them thar hills," as the "furriner" who drives over the scenic Ozarks is likely to guess. The gold is not in the ground, but in the tomato "crap," to use the quaint vernacular dramatists and novelists so often associate with the Ozarks where school still "takes up" in log cabins. Incidentally school terms are short in the hill country, but attendance is compulsory and education is slowly gaining in favor.

Poultry and Cows Profitable

The northern edges of the Ozarks, in the vicinity of Springfield, Mo., have developed into one of the great poultry and dairy centers of the world. The value of these products in that region approached $25,000,000 in 1929, and rail shipments rivaled the dairying centers of Wisconsin and Michigan. Thousands of pure bred cattle have been shipped into and raised in the Ozark Hills in the last 10 years. Chicken and turkey raising has become a great industry.

But perhaps the greatest income to the Ozarks lies just ahead and may develop the country into an industrial district, similar to that in North and South Carolina. It is the building of hydroelectric projects. Eastern capital has preceded the new settlers' moving vans and four such power enterprises are under way, involving an expenditure of about $100,000,000.

First of these is the one at Bagnell, being built by the North American Company, to cost $30,000,000, and which is to furnish electricity to operate the lead mines and smelters in southeast Missouri. The Bagnell dam across the Osage River in Miller County will be 1750 feet long and 110 feet high. It will back the water of the Osage River upstream 125 miles, to an average depth of 70 feet. Work is now in progress on this dam.

The Table Rock Lake project in Taney and Stone Counties is to be built by the Cities Service Company, at a cost of $35,000,000, and it is said that already $2,000,000 have been spent in preliminary exploration work and land purchases.

Lake 100 Miles Long

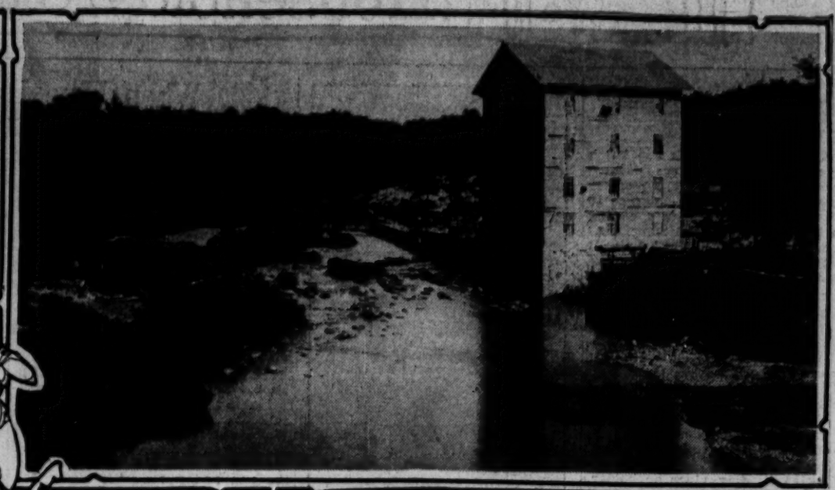
This dam is to be 2000 feet long with an additional 2000-foot spillway. The dam will be 197 feet high and cost $16,500,000. It will make a lake out of the White and James Rivers for more than 100 miles upstream.

As this lake will be directly in the center of the famous "Shepherd of the Hills" country, great resorts are being planned by promoters. But Table Rock Dam will be used to make electricity to operate canning factories, rayon and cotton products mills, zinc and lead smelters and other industries. It is said to be the intention of the Cities Service Company to develop a factory district larger than in the Carolinas along Table Rock Lake.

A $10,000,000 hydroelectric project is being started near Arlington on the Big Piney, and a 11,000-acre lake and dam 110 feet high is being surveyed out on the Gasconade River in Pulaski County. All of these projects may be said to be under way, as all legal obstacles have been removed, surveys and engineering work, land purchases and the actual pouring of concrete are going forward. It will be several years before they are all completed but then the Ozarks likely will assume a big place in the industrial picture.

The mountain sides and narrow valleys always have provided a "corn bread livin'" for hard working people of the Ozarks hill country for whom a new day is "shorely" dawning. These people mix well with the "furriners" who come into their midst. Indeed, when one sits down at their table he may be surprised—if he is a reader of popular fiction—to be served a chicken dinner instead of "sow belly and beans." The servings may be of the homespun variety, but the food is well cooked and the red cedar table is highly polished.

Rich Valleys of the Ozarks Beckon to New Pioneers



Upper Row, Left to Right—Ozark Dam on White River, 2000 Feet Long, 197 Feet High, to Cost $16,500,000, Will Make a Lake of the White and James Rivers, 100 Miles Long; Redding's Mill, on Shoal Creek, 75 Years Old, and a Typical Example of the Early Attempts to Utilize the Water Power of the Ozark Streams. Left Center—Picking Beans in the Ozarks, Where Rich Crops Are the Rule in the Fertile Valleys. Center—One of the Natives, Typical of the Earlier Type That Settled This Region. Lower Right—Marble Quarries in Jasper County, Missouri Ozarks. Lower Left—One of the Pioneer Day Log Cabins, an Excellent Example of the Rude Dwellings of the Frontier Days. This One Is Still Standing in Meramec State Park, Missouri.

Registered at the Christian Science Publishing House

Among the visitors from various parts of the world who registered at the Christian Science Publishing House yesterday were the following:

Henri J. Bley, Brooklyn, N. Y.
Esther Holbrook, Walpole, Mass.
Bertha Bock, Walpole, Mass.
Olive Anderson, Walpole, Mass.
Mary Lipschitz, East Walpole, Mass.
Marjorie Cobb, East Walpole, Mass.
Anne Novick, East Walpole, Mass.
Nancy Grover, East Walpole, Mass.
Elsie White, Walpole, Mass.
Roger H. Sumner, Walpole, Mass.
Walter F. Travers, East Walpole, Mass.
Luther G. Holbrook, Walpole, Mass.
Edward F. Phillips, East Walpole, Mass.
Ernest B. Fisher Jr., Walpole, Mass.
Josephine Antoine, Walpole, Mass.
Emily Monissey, Walpole, Mass.
Anne M. Fundergast, Walpole, Mass.
Thomas G. Eieles, Walpole, Mass.
Toots Laracy, Walpole, Mass.
Carolyn Deianey, Walpole, Mass.
Elizabeth Daley, Walpole, Mass.
Ahti Williams Lans, North Walpole, Mass.
Joseph F. Manning, Walpole, Mass.

GOVERNOR WILL NOT TAKE PART

WASHINGTON (AP)—O. Max Gardner, Governor of North Carolina, announced in a statement issued here, that he would consider it "highly improper" to take part in the approaching Democratic primary. This was interpreted as meaning a hands-off policy by the Governor in the effort of J. W. Bailey, Raleigh, to defeat Furnifold M. Simmons, Senator from North Carolina, for the Democratic senatorial nomination.

CALIFORNIA PASSENGERS SAVE BY USING TOURIST CAR FROM WASHINGTON

Many travelers to points West of New Orleans now go in comfort and save approximately one-half of their sleeping car fare by choosing the thru Washington-Sunset Route Tourist sleeping car leaving Washington, D. C., daily for California without change. Low winter rail fares now in effect via New Orleans, Houston, San Antonio and El Paso. Write for illustrated booklet "B," fares and other details.

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WASHINGTON-SUNSET ROUTE
McPherson Square, 15th & K Sts., N. W., Washington, D. C.

Hunt for Australian Oil Resources Urged

SPECIAL FROM MONITOR BUREAU

MELBOURNE, Vic.—Public confidence in the general search for oil in Australia is liable to be destroyed by the present "blind stabbing methods" of prospecting, according to the commonwealth geologist, Dr. Woolnough, in a report to the Federal Government on the oil possibilities of Victoria.

"It has been pointed out repeatedly," he states, "that the tertiary formations of Victoria present some close analogies with those of the great tertiary oil fields of the world, such as Persia, Burma and the East Indies. It is therefore hastily assumed that, like similar formations in the countries mentioned, they must necessarily be petroliferous on a large scale.

"The deduction is not a sound one. In addition to conditions favorable to production of oil in the rock, there must be conditions favorable to its concentration, and to its retention for periods of time measurable in millions of years.

"That the Victorian tertiary rock possesses the first attribute—namely, the contents necessary for the formation of oil—is proved by the undoubted fact that it has yielded small quantities of oil in several bores which have been put down.

"Up to the present, however, it has shown no evidence of possessing . . . structures favorable for the concentration and retention of oil in considerable quantities. It becomes imperative, therefore, to adopt methods of investigation having as their aim the location and limitation of considerable structural features.

"Blind stabbing is to be deprecated; systematic shallow scout drilling, carefully controlled by paleontological and geographical investigation, may succeed."

CHICAGO SEEKS PROPER SUBURB ZONING SYSTEM

Planning Association Faces Apartment House and Recreational Problems

SPECIAL FROM MONITOR BUREAU

CHICAGO—Zoning problems of "suburbia," such as whether apartment buildings should be allowed to rub shoulders with one-family dwellings, and if allowed, whether their play space should be regulated, were presented to the Chicago Regional Planning Association at its annual meeting here.

The trend toward apartment house living is almost as marked in the suburbs as it is in the cities, said Coleman Woodbury, a member of the staff of the Institute for Research in Land Economics.

"Every outlying town should consider increasing area zoned for apartments," said Mr. Woodbury. At the same time, these towns would do well to consider placing more restrictions on the type of apartments that are built and the number of families they house to the acre, he advised.

"The chief fault in apartments," Mr. Woodbury continued, "is not that they group dwellings vertically instead of horizontally, or that they encourage people to be renters instead of owners but that they do not provide sufficient recreation areas for their tenants and the apartment dwellers consequently overflow into other districts in their leisure moments. Apartments of the garden type may be the answer to this."

How to keep a thriving business section from encroaching on a suburban residence development is a problem that has been successfully solved in Kansas City, Mo., Lawrence V. Sheridan, city plan consultant for Indianapolis, told the meeting. A serviceable group of stores, with ample parking space, has grown up at the entrance to the country club district, he said. Not only is the architecture of these buildings controlled, but provisions are made to prevent their creeping into the residence district by apartments as buffers between the two sections. It has been found that an average of 50 lineal feet of store frontage for every 100 of population, is the right proportion, he concluded.

FUND STARTED AT YALE

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

NEW HAVEN, Conn.—John C. Shaffer, publisher of the Chicago Evening Post and other newspapers, has established a foundation in the Yale Divinity School in memory of his son, Kent Shaffer, a graduate of Yale University. The income of the foundation is to be used each year for a course of lectures upon "The Life, Character and Teachings of Jesus."

AMUSEMENTS

NEW YORK CITY

A Theatre Guild Production
METEOR
GUILD THEATRE 52nd Street, W. of B'way
Evgs. 8:50. Mats. Thurs. and Sat.

It Never Rains
A New Comedy
NOW AT BIJOU THEATRE West 45th Street
Eves. 8:50. Matinees Wed., Thurs., Sat., 2:40.

Broken Dishes
4th HILARIOUS MONTH
MARTIN FLAVIN'S Delightful Comedy
with DONALD MEEK
THEATRE MASQUE W. 45 St. Mts. Wed., Sat., 2:30 Evs. 8:50

"The Biggest Laugh Hit in Years"
SAM H. HARRIS presents
June Moon
By RING LARDNER and GEORGE S. KAUFMAN
BROADHURST 44 St., W. of B'way. Eves. 8:30. Mats. Wed., Sat., 2:30

BERKELEY SQUARE
with LESLIE HOWARD
and MARGALO GILLMORE
LYCEUM THEATRE, 45 St., E. of B'way
Evenings 8:30 Mats. Thurs. and Sat.

HENRY MILLER'S THEATRE 124 W 43d St
Mats. Thurs. and Sat. Evgs. 8:30
Journey's End
by R. C. Sherriff

EVELYN LAYE in Noel Coward's Operette
BITTER SWEET
Florenz Ziegfeld & Arch Selwyn Presentation of Charles Cochran's Production
ZIEGFELD THEATRE
54 St. & 6th Av. Pop. Mats. Thurs. & Sat. Seats $1.00, $2.00, $3.00. No Tax. Entire Mezzanine $4.00.

MAJESTIC 44, W. of B'way. Evs. 8:30. Mats. Wed. and Sat. 2:30
The International Musical Triumph
A WONDERFUL NIGHT
("Die Fledermaus")
by JOHANN STRAUSS
Evenings 600 Seats $1 to $3

GRACE GEORGE
in the St. John Ervine comedy
FIRST MRS. FRASER
with A. E. Matthews and Lawrence Grossmith
PLAYHOUSE, 48th ST., East of B'way
Evgs. 8:50. Mats. Wed., Thurs. & Sat. 2:30

WALTER
HAMPDEN
in RICHELIEU
HAMPDEN'S Th., 62d St. & B'y. Evgs. 8:30. Mts. Wed., Sat. 2:30

WILLIAM HARRIS JR. Presents
Criminal Code
with ARTHUR BYRON by MARTIN FLAVIN
NATIONAL 41st St., W. of 7th Ave. Evs. 8:50. Mts. Wed. & Sat.

AMUSEMENTS

BOSTON

COPLEY Tues., Thurs. & Sat. 2:30 Evgs. 8:30
THE MIDDLE WATCH
THE LAUGH OF A LIFETIME

BOSTON OPERA HOUSE
CHICAGO CIVIC OPERA COMPANY
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Tonight at 8—LOUISE
Tomorrow at 2—ROSENKAVALIER
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LAST TIMES
Burton Holmes
TONIGHT at 8:15
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VENICE
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NORTH ITALY
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To see oursels as ithers see us".—BURNS

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What's Right With America

which are scheduled to appear in

The Christian Science Monitor

Mr. Huddleston, who is a trained observer of human activities from politics to art and a journalist of international repute, bases his impressions of the United States on experiences had during a recent visit here. Many subjects are covered — from a football game to the stock market crash and from woman's dress to prohibition sometimes the serious side is viewed and again the stories are in lighter vein.

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Household Arts and Crafts

Rough and Tumble Sweater

THE materials and tools for this warm and sturdy sweater are: 3 balls of cocoa-brown knitting worsted, and one pair each of No. 4 and No. 5 knitting needles.

Symbols: 5 stitches 1 inch; 6 rows 1 inch.

With No. 4 needles, cast on 72 stitches, knit 1 stitch, purl 1 stitch in each stitch across the row (144 stitches). Second row—*Knit 1 stitch, bring yarn forward, slip 1 stitch as if to purl, take yarn back, repeat from * across row. Repeat this row for 1 inch. Purl 1 row. One row—*Slip 1 stitch, knit 1 stitch, pass slip stitch over the knit stitch. Repeat from * across row (72 stitches). Work 2 inches stockinette stitch. Change to No. 5 needles, work 9 inches, ending with knit row. Knit 6 stitches, purl 60, knit 6 stitches. Next row knit all stitches. Next row, knit 7 stitches, purl 58, knit 7 stitches.

Continue to increase 1 plain knit stitch on each side for the armhole border every purled row until there are 12 plain knit stitches. Bind off 6 stitches on each side for underarm. Then decrease 1 stitch on each side on first and second stockinette stitches every second row 4 times, keeping 6 plain knit stitches on each side. Work 2½ inches even. Change to No. 4 needles, knit plain 1 inch.

Work 18 stitches, place on holder, bind off 16 stitches for the back of the neck. On remaining 18 stitches with No. 5 needles start left front, increasing 1 stitch in first stockinette stitch at neck every sixth row, keeping 6 stitches knit plain on each side. When the work measures 4½ inches from the shoulder, increase 1 stitch every second row 4 times for the underarm, cast on 6 stitches.

Continue to increase at the neck edge every sixth row until 8 stitches are added and knit 1 less stitch at the armhole on purled row until there are 8 plain knit stitches. Place stitches on holder. Work the other front in same way. Join to first front. Knit 6 stitches, purl 25 stitches, knit 10, purl 25, knit 6 stitches. Knit 1 row. Next row, purl 32 stitches, knit 8, purl 32. Continue to knit plain 1 less stitch each side of the center-front every purled row until there are 2 stitches plain knit. Then finish the same as the back. Bind off 2 stitches together across row. Sew the seams.

A Sweater Enjoyed by a Young Athlete.

When Five Dine Together

Breast of veal with dressing
Mashed potatoes Brown gravy
Currant jelly
Carrots stuffed with onions
Creamed cabbage
Raspberry mousse

Stuffed Breast of Veal

HAVE the bone removed from a piece of veal shoulder weighing about five pounds, and stuff the cavity with the usual dressing, using plenty of onions and celery and a little poultry seasoning. Close the pocket, sprinkle the roast with salt and pepper, then place it in the roaster or, lacking that, a pan. Sprinkle flour over the bottom of the container, then place it in a hot oven. When the meat is well seared and the flour in the pan is browned, add hot water to cover the bottom of the pan and put on the cover if a roaster is being used. Baste the roast frequently with the liquor in the pan if the meat is not covered, adding more water as required. Roast until the meat is very tender.

Brown Gravy

When the meat is done, drain off the liquid in the pan. If there was plenty of fat with the meat, turn back 3 tablespoonfuls of the melted fat; if fat was lacking, melt in the pan shortening to make that amount. With this blend 3 tablespoonfuls of flour and when it is bubbly, add 1 cupful of hot water. Stir until smooth and thick, then add the rest of the liquor from the pan and a few drops of kitchen bouquet if the gravy is not rich brown in color. Shoyou sauce is often easier to obtain than kitchen bouquet and may be used for the same purpose.

Carrots Stuffed With Onions

Scrape thick, squatty carrots and boil in slightly salted water until nearly tender; drain and cool. With an apple corer or knife, remove the centers from the carrots and fill the cavities so formed with the following mixture: Put through the food chopper enough peeled onions to make ⅓ cupful and parsley or mint to make 2 tablespoonfuls; add ¼ teaspoonful each of salt and pepper and cook the mixture in 1 tablespoonful of melted butter for five minutes. With the end of a knife, pack the mixture down into the carrots. When all are stuffed, roll the vegetables in white of egg diluted with 1 tablespoonful of cold water, then in dry, sifted bread crumbs. Half an hour before the meat is done, place the stuffed carrots in the pan with the meat and roast and baste them along with the roast. They should be nicely browned when arranged around the edge of the platter for serving with the meat.

Creamed Cabbage

Shred cabbage coarsely, cook until nearly tender in very little water, then drain. Add rich milk so it comes just high enough to be seen, simmer until the cabbage is done, then season to taste with salt. Add a small piece of butter, turn into a serving dish, sprinkle lightly with paprika and serve immediately.

Raspberry Mousse

Beat the white of an egg until stiff, then whip in ¼ cupful of sugar. To 1 cupful of heavy cream add an equal amount of juice and pulp from canned raspberries, beat the mixture until stiff, then whip in the egg mixture. Turn into a mold and leave to stand in equal measures of ice and salt for four hours. Or place it in the refrigerating pan in the freezing unit of the electric refrigerator, and after two hours turn the mixture into a large bowl and whip vigorously with a rotary egg beater; return it to the unit as before; repeat two hours later, then leave it until serving time.

To Save Time

In the morning make the dressing, stuff the meat and the carrots; leave them in the refrigerator until needed. Cook the cabbage, but do not drain it; it will finish cooking in the hot water. Peel the potatoes and leave them in cold water until time to cook. If electric refrigeration is available, make the mousse now; otherwise, leave it until afternoon.

About 3½ hours before serving time start roasting the meat. Half an hour before the meal start the potatoes cooking; this is plenty of time if they are cut into small pieces. Put carrots in the pan with the meat. Drain the cabbage, add the milk, reheat and set on top of the oven to keep hot until needed. Make gravy and mash the potatoes. Dinner is ready to be served.

A Bell Boy

Mending Books at Home

HOW many times one has picked up a book that wobbled in one's hands, although the book was otherwise in good condition. This is especially true of hymnals, occasioned by their frequent opening in a more or less hurried fashion. The wobbling is caused by the loosening of the hinge (the hinge is the point where the covers meet the back and where there is a ridge). This loosening is due to the drying out of the paste or glue which should hold the paper at this point. This is a condition easily remedied. With the following simple tools and a few instructions anyone can keep books in good shape.

One piece of shade roller nine inches long by seven-eighths of an inch wide; two nine-inch lengths of metal curtain rod three-sixteenths of an inch in diameter; two pieces of tape three-fourths of an inch wide and 20 inches long; a very thin metal knitting needle; one jar of good library paste; one spatula; one palette knife; several one-half inch strips of thin typewriter paper.

First inspect the volume for loose pages. To mend a loose one, take a strip of the typewriter paper the length of the page, fold it in two the long way and paste one-half of this strip to the loose leaf. Then put paste on the other half of the strip, but on the opposite side from the one pasted before, and attach it to the book. This is very important as it takes the pull off the mended page, preventing its tearing out again.

If there are any places in the book where the sections seem to be coming apart, use the palette knife and delicately insert a very little library paste in the crack.

At the top and bottom of the binding at the back will be found a little piece of cloth. If this is loose, take the spatula and insert some paste down the back as far as the spatula will go. Be careful, however, not to paste the cloth back of the book to the binding.

Next turn to the hinges. Put the knitting needle in the paste and insert it in the hinges of the book down to the middle, working from both ends.

The next step is to tie up the book to dry overnight. Place the roller on the table, and holding the covers of the book tightly together, press the front edge firmly down upon the roller. This will shape up the book so that the front will be curved, and the back will then assume the right shape. Carefully insert in each ridge, at the hinge, one of the metal curtain rods. Pass a tape around the book at the extreme top and the extreme bottom and tie tightly, having the bows come in the front curve of the volume. To make the support still tighter, put a finger under each bow and pull together toward the center of the book.

Care of Leather

Loss of luster on upholstery leather is occasioned by the use of polishes or cleaning preparations which injure the surface finish. The proper materials to employ are castile soap and water—never furniture polishes, oils or varnishes that contain turpentine, benzine, alcohol or alkalies.

A cloth which is damp but not wet should be rubbed over the soap and then over the surface of the leather. Next to damp cloth without soap should be used for rubbing and then a clean, soft polishing cloth which will bring back any of the gloss that may have disappeared.

Icebox Dishes

For the icebox, there are now sets of dishes especially designed to fit in small places. These come in graduated sizes, from the smallest one of all, which is just large enough to hold a few spoonfuls of a left-over, to large bowls. These sets are made of white or colored enamel ware or copper, heavily tinned, and they are fashioned in one piece to prevent leakage. The fact that they have covers and flat bottoms, so they may easily be placed near the freezing compartment, makes them additionally useful.

An Aristocrat

The parlor cookstove has come on the market. While it is not really meant for the front of the house, it looks appropriate for it, and in its gay dress seems to claim a much more distinguished place than the kitchen.

From time immemorial the cooking apparatus has been open to view, whether it has been the spit of the fireplace, the top of the old wood or coal stove, or the burners of the modern range; but in this new dandy of the kitchen the gas burners are concealed. With its top marbleized, its body done in cream and green, this new denizen of the kitchen looks far more like a radio set than the old familiar gas range.

Home Making

By MRS. HARRY A. BURNHAM

THE manner in which a woman created a home atmosphere in one room, and was able to so radiate happiness and appreciation of all that was lovely that good things were attracted to her, is told in the following letter from Miss Vienna Willey of Greensboro, Vermont.

One who had always had a home of her own found that she must live, as do many others "in a trunk." At first this seemed almost impossible to do, for she had a number of things that utterly refused to go into a trunk, and, most of all, she missed an attic!

For some time she was very unhappy because of the seeming lack of home. She was approaching middle age and the years ahead looked very blank. Realizing that she must do something to overcome the sense of lack, she began to play a little game all by herself. Every home that she saw which was attractive she rejoiced in. She subscribed to some magazines which gave her much pleasure with their pictures of beautiful homes. She took a home study course in interior decorating. She declared there was never any lack of home except in thought, and as she looked around her and saw many lovely houses where the factors that make a home, such as love, peace and harmony, seemed not to abide, she realized increasingly that it was her thought that mattered.

Things did not improve much at once; she found the work hard to do under the circumstances, but she steadfastly adhered to her purpose.

Each day she tried to do a little kindness for those about her who were in need of assistance—a smile, a word of cheer or a call. As she passed the door of a room where an elderly gentleman was living there were many little acts of kindness which she found to do. She handed him his paper, telephoned for him and sometimes wrote letters for him. Often he said, "You are very kind to me, I shall not forget it."

Out of the game of making mental a "home beautiful," a surprising thing happened; wherever she went, people wanted her to stay. A casual acquaintance whose household goods had been in storage for a long time suggested taking them out if she would make a home for her.

When we were very young we liked our stories to have happy endings. This is a true story, and has the right kind of ending. When the elderly gentleman passed on, he remembered to leave several hundred dollars to "one who was very kind to me." And out of the game of home making and decorating grew a position with a firm of interior decorators.

Decorative Door Stops

THERE is an opportunity for much originality in making or choosing one's door stops. Floral motives—once so popular—are now giving way to more whimsical designs, such as a bell-boy, a golfer, a maid or sailor boy.

There's the sailor boy ashore
With the swagger you adore.

One may quite easily design and fashion one's own door porters to fit the individual needs. There are various ways in which these accessories can be made. One similar to the sailor boy may be cut out of oilcloth and stuffed with sand. A buttonhole stitch with heavy thread or yarn around the edge will hold the front and back together. Both sides are painted in bright enamels and may be given a coat of shellac afterward so that the colors will not wear off.

Other figures, such as a policeman, cowboy, or favorite Mother Goose character, may be designed, standing a little over a foot high. These make especially appropriate door porters is from sheet iron. With tinner's shears or a chisel and hammer, cut out the design from a not too heavy sheet of metal. Then take it to a blacksmith or metal worker and have it fastened to a heavy block of iron. The whole piece may then be enameled black or in bright colors. Designs, such as a cat with arched back or a rabbit crouched or on its haunches, are effective in black silhouette.

The Sailor Boy

Sometimes an attractive stone from the country is polished to serve as a door stop. One woman, in whose yard there was a beautiful birch tree which had to be cut down, had several branches cut into small cylinders for door-stops. Some of these she used herself, and others she distributed among her neighbors, who had for many years enjoyed the growing tree. The small white-barked cylinders were appreciated both for their beauty and for the association.

A Kindly Watchdog

door stops for the children's nursery, but will lend an air of gayety wherever they may be placed.

Figures such as these also can be sawed out of wood about two inches thick and mounted on a thinner slab, which is pushed under the door. Any expert woodworker or carpenter can probably cut out the figure if a design of the proper size is given him. The wood can then be enameled in the desired colors and covered with a coating of shellac.

Another method of making these

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This is not a regular boudoir slipper

But a house slipper made on a good fitting last of black kid with a 6/8 low wood heel. By mail to you, $2.75 Made in A, B, C, D, E widths. Brown kid to order, $3.25.

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Patented annular vacuum cups molded in Footsure Safety Bath Tub Mat make it non-skid on the slippery surface. High grade, white, odorless rubber. Many use two mats—one in the tub, the other on tile floor. Price $2.95 at leading Department, House Furnishing and Hardware stores in all metropolitan centers and smaller cities as well. Ask your dealer, or send price direct to

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Not an ordinary flour sifter, but a *sifting machine*. Highest quality—built to last for years. One hand operates—quickly—easily. Permits constant stirring while sifting. Double screen—one operation sifts contents twice. Avoids scattering flour. Eliminates lumpy baking. Approved by Good Housekeeping Institute, Modern Priscilla Proving Plant and other Bureaus. Used and endorsed by foremost food authorities, home economic experts and demonstrators. Highly polished finish. Also furnished with handles in Green, Red, Yellow or Blue. Money-back guarantee. At dealer's or postpaid for $1.00

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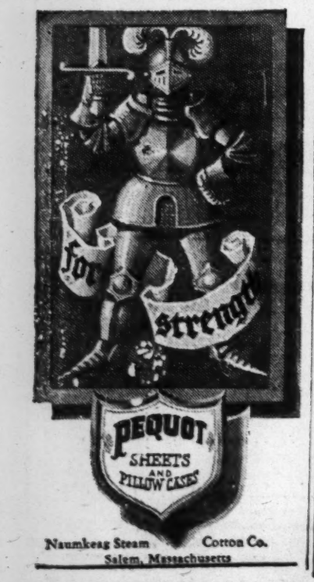

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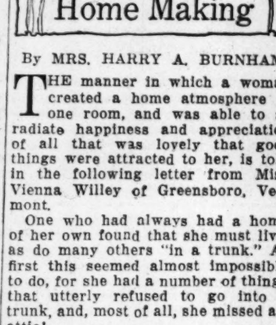

Koban Keepers slightly dampened on one side will keep them fresh.

300 sheets of Koban Keepers in a Wall Pocket of rose, green, goldenrod or blue, $1

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Enclosed please find { $1 / $1.50 } for Wall pocket with 300 Koban Keepers. Metal Bracket with 300 foot roll of Koban. Check color desired—Rose... Blue... Green... Gold...
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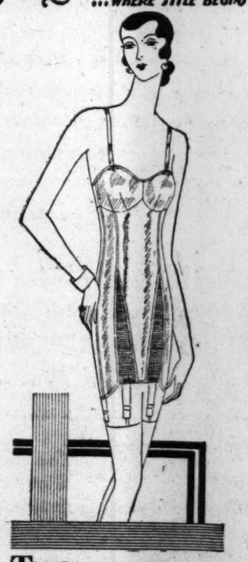
MODART ...WHERE STYLE BEGINS



The Princess silhouette requires correct corsetry. Modart combination 5062, of satin tricot, is entirely unboned, and is lined above the waistline for figure control.

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Division of Associated Apparel Industries, Inc.
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No other soup is like it. Unique in its charm and flavor. Serve it today as cooked for you by Campbell's special Pepper Pot cook. 12 cents a can.

A Man's Soup

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Hundreds of Capitol Students are earning $35 to $100 weekly and more, making candy at home. Lottie Davis writes: "I am sending you a picture of the car I purchased from the proceeds of candy making." Edgar R. Foxton says: "Am now selling better than 200 pounds a week, although in a small town of about 75 population." What they have done—YOU can do! Fascinating FREE book gives full details.

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EVIDENCE!

Maysel McClanahan: "I have my candy on sale in two stores. It sells like hot cakes. I have saved $350, besides filling my wardrobe with pretty frocks."

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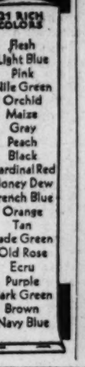

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The liquid dye in a tube

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Nothing is finer than Welch's Grape Juice. It's the pure and unadulterated juice of luscious Concord grapes. No fuss . . . no muss . . . no waste . . . it's ready for you *instantly!*

Try it as a breakfast fruit...six liberal portions to the pint... the most temptingly delicious breakfast fruit juice in America!

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LES POUDRES COTY TONE-PERFECT

THE ENTIRE SCALE OF PERFECT FLESH TONES CREATED WITH THE MASTER KNOWLEDGE OF GENIUS

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TWENTY-THREE INDIVIDUAL ODEURS

A LUXURY CREATION—"NECESSITY-PRICED"

THE HOME FORUM

Nature in the Literature of England

THE unwritten poetry of the countryside expressed in the schemeless riot of color presented by the cottage garden; the charm of the Old World village with its casual winding roads and moss-covered walls; and the wondering admiration on the face of the laborer, as, resting from his toil, his eyes roam the landscape: alike bear testimony to the poetic appeal of nature to those who live with her. Had Stephen Duck, the Thresher Poet of the eighteenth century, remained contented with the dialect of the fields he might have lived as an interpreter of nature in her most intimate associations with mankind. Robert Bloomfield—marred though his work is by artificiality—in the more homely passages of "The Farmer's Boy" reveals the true spirit of the farm. Giles rises early to set the scarecrows and joins in the bird chorus of dawn:

"Stopt in her song perchance the starting Thrush
Shook a white shower from a black-thorn bush,
Where dew-drops thick as early blossoms hung,
And trembled as the minstrel sweetly sung."

Sunrise and sunset! What are they to a man who peers skyward through a telescope of lofty buildings? If with Henry Alwyn he had stood on Snowden and watched the misty panorama of dawn over mountain wildernesses, what a revelation to have beheld "the peaks, or rather the vast masses of billowy vapours enveloping them, as they sometimes boiled and sometimes blazed, shaking—when the sun struck one and then another—from brilliant amethyst to vermilion, shot occasionally with purple, or gold or blue;" and that radiance which "came pouring through the eastern opening down the gorge or gym itself," turning the light vapors floating about the pool "to sailing gauzes, all quivering with different hues, as though a rainbow had become torn from the sky and woven into gossamer hangings and set adrift."

To his love of country life the Englishman owes the supremacy of his nature literature. "The pastoral writers of other countries," wrote Washington Irving, "appear as if they had paid nature an occasional visit, and become acquainted with her general charms; but the British poets have lived and revelled with her—they have wooed her in her most secret haunts—they have watched her minutest caprices. A spray could not tremble in the breeze—a leaf could not rustle to the ground—a diamond could not patter in the stream—a fragrance could not exhale from the humblest violet, nor a daisy unfold its crimson tints to the morning, but it has been noticed by these impassioned and delicate observers, and wrought up into some beautiful morality."

Shakespeare, Milton, Keats, to name only the highest, gloriously illustrate this generous tribute.

W. H. Hudson, the naturalist, loved nature with a tenderness which forbade him to tread on the daisies, even when they covered his path so thickly that they "were actually touching and had obliterated the green color of the ground beneath them." What could be more poetic in conception than his delight in discovering the secret of John-go-to-bed-at-Noon—the lordly goatsbeard, resplendent from early morning till noon, when its luster begins to fade and by three o'clock is lost in the green grass? Or his pleasure in observing how nature drapes the ruins of castles, towers, and abbeys with ivy, flushes the rough stone walls "with green and grey and yellow colors of moss and lichen and rainbow-tinted algæ," and decorates them "with yellow wallflower, ivy-leafed toad-flax, and red valerian"?

Thomas Hardy both as novelist and poet is keenly conscious of nature's every phase and manifestation. When the repentant hay-trusser, who overnight has sold his wife and child to a stranger, takes his leave of the Weydon Fair field, "the whole scene lay under the rays of the newly risen sun, which has not as yet dried a single blade of the heavily dewed grass, where the shadows of the yellow and red vans were projected far away, those thrown by the fellow of each wheel being elongated in shape to the orbit of a comet." Hardy was a master-observer; not a yellowhammer "flitting about the hedges" with a straw in his bill; not a tuft of stonecrop and grass, self-planted in a crevice "nibbled out by time and weather" in the church tower; not a bee nor a butterfly "traversing strange latitudes in the desire to leave the cornfields at the top of the town" for "the meads at the bottom"; nor the first sparrow who "shook himself" at dawn, escaped his notice.

The wanderings of George Borrow in "a country in which nature displays herself in her wildest, boldest and occasionally loveliest forms," have enriched the world with "Lavengro" and "Wild Wales." With Lavengro, the gypsy by adoption, we may enter the preserves of the Romany. The discovery of a few charred sticks will tell Lavengro that the water he so sorely needs is at hand, and soon he will be stretched on the ground taking "a delicious draught of the crystal stream," after which he will sit "gazing on the water as it purls tinkling away in its channel through an opening in the hazels" until his gypsy instinct prompts him to return to his unprotected property. Deep glens, wild valleys, steep and dangerous paths, sources of rivers—the waters of which he must not only see but "drink of"—lofty rocks, crags and precipitous places, and mountain villages with their hospitable inhabitants: such were the haunts of George Borrow.

From a house built with his own hands on the shore of Walden Pond, Henry Thoreau added his quota to the literature of nature. His approach is from a different angle. In his famous "Walk to Wachusett in 1843," we find:

"There is this consolation to the most way-worn traveler upon the dustiest road, that the path his feet describe is so perfectly symbolical of human life—now climbing the hills, now descending into the vales. From the summits he beholds the heavens and the horizon; from the vales he looks up to the heights again. He is treading his old lessons still, and though he may be very weary and travel-worn, it is yet sincere experience."

Reflection on the ways of the world occupied much of Thoreau's thought in the retreat to which he withdrew to study nature, but at times he abandoned himself whole-heartedly to her. In search of water after a still winter's night he cut his way "first through a foot of snow, and then through a foot of ice," and opened a window under his feet, where, "kneeling to drink," he looked down "into the quiet parlour of the fishes, pervaded by a softened light as through a window of ground glass, with its bright sanded floor the same as in summer; there a perennial waveless serenity reigns as in the amber twilight sky, corresponding to the cool and even temperament of the inhabitants. Heaven is under our feet as well as over our heads."

E. A. H.

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A Mooring

Under blue mountains we wound our way,
My boat and I, along green water;
Until the banks at low tide widened,
With no wind stirring my lone sail.
—Night now yields to a sea of sun,
And the old year melts in freshets.
At last I can send my messengers—
Wildgeese, homing to Lo-yang.

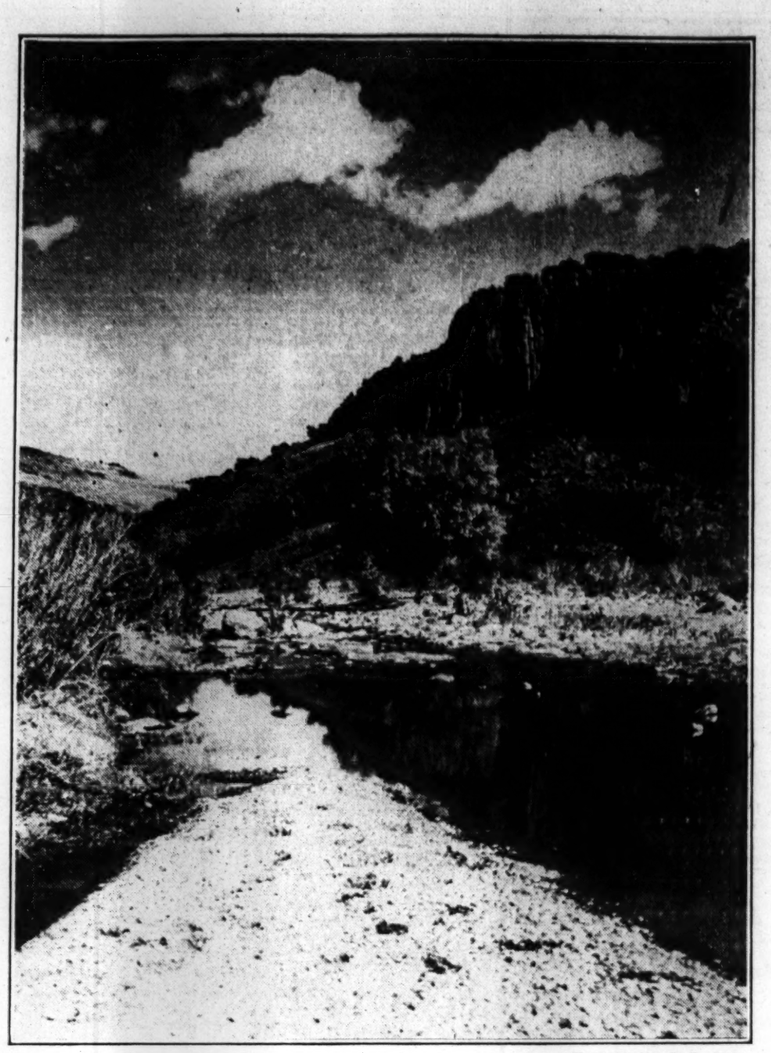
—WANG WAN. From "The Jade Mountain," a Chinese Anthology. Translated by WITTER BYNNER from the Texts of Kiang Kang-Hu.

Cows

Cows, even for the majority of those who like them, are probably an acquired taste; and there are doubtless still large numbers of human beings who never acquire it. . . .

Out of the mists of first acquaintance, cows loom up as a lumbering and yet strangely living furniture of the fields. It takes longer to walk round one than round a cupboard; and they look at you with a dubious thought of movement. Their rhythm is out of time with childhood's paces; they are so bulky, so sedentary. . . . Faced with a human child, one might suppose them to have sensations very like those of certain adult humans. They have every wish to be kind and behave as appropriately as possible, but they really do not know what is to be done about it.

And so, one way or other, the true appreciation of cows is withheld from babes and reserved for our maturity. As we grow to ripeness and reflectiveness it also grows. . . . We cease regarding cows as mere objects of use or furniture. One sees them grazing wide in open pastures, motionless except for their flickering tails; in pools, under the chequering shade and sunlight; crawling back in the evening down the lane—and who would do without them?—From "Ruminations," by Arthur MCDOWALL.



Limpia Canyon, Texas. Photograph by G. B. Arthur

IT MAY come as a surprise that Texas has the highest peak in the southern states. It is El Captan, rising to nine thousand and twenty feet in the Cordilleras which cross the western corner of the state in three ranges, two of which continue on into Mexico with the Rio Grande flowing through canyons which suggest that the mountains are older than the river.

Moreover, Texas is the only southern state which has elevations above seven thousand feet, and there are eight of them. It has four hundred and thirty-four altitudes exceeding one thousand feet, and its nearest rival is North Carolina, which, by comparison, has three hundred and ninety-four above that height.

The road from Marfa north through Fort Davis to Toyah and Pecos traverses Limpia Canyon, formed by Limpia Creek, and the topography is typical of Davis Mountains, which, like Jefferson Davis County, are named for the great Confederate. Red-brown sandstone stands in vertical formation, rows of massive buttresses holding back the mountain from slipping into the grass-grown plain below.

At the northern end of Limpia Canyon the highway runs under the old cottonwood which stands in the middle distance in the view, then up over the pass on the left, and out into Toyah Basin, one of the strange watered plateaus which characterize these mountains and give the whole country a vast range in its activities; including not only cattle, sheep and goats, cotton and other Texas products, but apples and other things from milder climates as well.

Chipmunks

A chipmunk sits on a low stone-wall;
Above his back his tail is tall—
Like a furry tree and a silken roof
(Jaunty but scarcely weatherproof!)
For the fashions come and the fashions go—
But the chipmunk carries his tail just so.

He wears a suit of golden buff—
But he has no collar, he has no cuff;
Alone with the sun and the wind all day,
He wears a rakish negligee.
But his little brown ears and his big brown eyes
Are pert and alert against all surprise.
His whiskers feel the things they pass
Like a sensitive thicket of silver grass;
And his stripes with their tropic colors are
Gay as an innocent jaguar.
For the fashions come and the fashions go—
But the chipmunk wears his stripes just so.

The chipmunk sits on his silken haunches
Under the dapple of windy branches;
And his hands, with a deft and lightning grace,
Hold his dinner or wash his face:
He turns in his fingers daintily
A barrel whose cooper's a hazel-tree. . . .
Oh chipmunks come and chipmunks go—
But always the Chipmunk lives just so!

—E. MERRILL ROOT, in "Bow of Burning Gold."

Birds of a South African Valley

The air is alive with them—canaries, I mean. . . . Bursts of canary song pour from the pine-trees and oaks, and how much more beautiful they sound, with the blue sky above and the mountains in the background, than the piercing trills of a pallid little bird in a cage. The plump little Cape canaries, too, are so much prettier in their olive green and daffodil yellow than the attenuated cage birds. Sometimes a whole flock perches on the telephone wires, looking for all the world like notes of music on a staff, making mountain music for angels to hear. There are sixteen varieties of seed-eater and canary in South Africa, of which we had several in the valley, including the siskin and mountain canary. The mountain canary is not green and yellow, but has a black head, with the rest of the plumage chestnut-red, white, and some black on the wings. It has a lovely name—alario alario—which sounds like a voice calling from the mountain heights. One made a nest in a peach tree this year and brought out a family successfully.

A river runs through this valley of ours, hidden, however, from the road by the scrub on either side. Judging from appearances there must have been a lake four miles long and about half a mile in width in the valley at one time. There is indeed a lake still, but it is a lake of gold, not of blue, for all over those acres of a dead level grows a weed like a giant groundsel, six feet high, which flowers generously in winter and in spring, even lingering on into summer. Into this sea of green and gold the gold-green birds plunge, bathing in its waves, wind-tossed to and fro as they cling to the yellow sprays, enjoying the motion like children dreaming they are afloat on a golden sea. How the canaries love the protective embrace of this common weed, to which none of my botanizing friends can give a name, too common even for the botany books to notice! In this wealth of gold there is enough food for a million canaries. In and out they fly, the flowers swaying and tossing with the fluttering of the birds as well as the wind. Look! there is one on the end of a spray, hanging backwards precariously but trustingly, the slender flower-stem bending indulgently to the tiny weight. See the gold the little spendthrift scatters to the winds as he feeds. . . .

Robin chats, bakbakiri shrikes and butcher birds also frequent this yellow patch, and once I was fortunate enough to see a female rock-jumper jumping about among the rocks at its edge.

Then there are the warblers, oh, such quantities! There are seventy-nine species in South Africa, all more or less alike, and yet the warblers have never been thoroughly and exhaustively classified, but at the moment a retired admiral who is a bird expert is working on them.

Our commonest one is the Cape wren-warbler, tink-tink-tinking from bush to bush, easy to distinguish because of its longish tail and streaky breast. Another familiar one is the grey-backed grass warbler, with a sweet little song, and I have also seen the more uncommon cinnamon-breasted warbler, which has an engaging song, loud for such a tiny bird. . . .

One of the loveliest of birds is the yellow bishop bird, and there are flocks of them in this wild valley. They love waste spaces. These birds have velvety black heads, wings and breasts, and black tails with daffodil yellow backs—winged balls of gold, rotund, substantial little birds; as velvety soft as young chickens, you long to feel their soft beauty in your hands. They weave rather loose domed nests of grass among tall weeds, and feed on seeds. . . .

The long-tailed sugar-birds, which are allied to the sunbirds, are found in no other part of the world but South Africa, and they too love our valley (wise birds) especially the slopes of the mountains where the yellow, pink and white proteas abound.

These birds breed in winter and are the very earliest to nest, beginning their building towards the end of March, thus timing their family with judicious forethought to accord with the flowering of the proteas, for they feed their babies on the nectar from these sticky-sweet flowers, and generally build their nest in a protea bush. Indeed once we found one right inside one of the flowers.—MADELINE ALSTON, in "An Old Cape Homestead."

The Craftsman

Snuggling against the hillside the boathouse took its place among the pines. Long, low, and covered with brown shingles, it was scrubby looking like the underbrush at the foot of the trees. The woods surrounded three sides of the structure, but the fourth faced directly on the water, from which runways stretched to meet the wide doorways, open and inviting. Inside frames holding canoes stacked up in neat rows, reached from the floor to the ceiling. In this public part of the house one rented canoes, said "Good morning," "A fine day," and "Good night" to the assistants.

But upstairs all was different. Here the boatman had his sanctuary. Here were fashioned, in hours of slow and loving labor, the skiffs which were so thoughtlessly hired. Even downstairs the paint could be smelled, and sometimes the planing and sawing could be heard coming from this room above. Curiosity inevitably drove the inquisitive person up the ladder-like steps, a climb which disclosed the shop occupying the entire upper story.

The first impression on entering was one of bewilderment. So crammed was it with a number of things, that one could not become acquainted at a glance. One corner was full of shavings; another of sweet scented cedar from California, Maine, and the Carolinas; still another was cluttered with paint cans vaunting red, blue and green labels. Indiscriminately placed small barrels poked forth unexpectedly. Hanging from the low ceiling were several canoes. On the lake side of the room stood the bench covered with tools, nails, and bits of wood dropped where they were last handled. Several saws hung on the wall beside it, keeping company with an old sweater. Near the bench squatted a small, rusty wood stove, on which the boatman steamed his lathes, and which kept him warm on chill days. A form used as a centering for embryo canoes, two sawhorses, a rowboat ready to be painted, and a newly finished canoe took up the remaining floor space.

Through the almost square windows entered a soft light, and the lake breeze, tinctured with the smell of shore pines.

A Village Show

During the white-hot drowsiness of a summer afternoon a mysterious canvas-covered wagon arrived in the village and established itself in the little park by the sea. Somnolent villagers taking siesta in the shade of doorways, lifted their heads and watched the proceedings with interest. From the depths of the wagon emerged a man, a woman, a goat and a dog. The man and woman set busily to work bringing a pile of planks and long poles. Presently a little theater was evolved from these raw materials, with wooden benches set up in a circle and two poles in the center from which lights were strung.

Word went around that there would be "un spectacle ce soir." And sure enough Monsieur appeared on the street, mounted on the horse which had drawn the wagon, and surrounded by eager children. He blew a trumpet, announcing "une grande représentation à neuf heures."

We followed the crowd when the hour approached. The benches were packed with mothers and babies, girls and their sweethearts. We found a place among the rows of villagers standing behind the benches and waited as eagerly as they for the fun to begin. It might have been I Pagliacci just as well as Les Antony. Here were the clown and his wife with their improvised stage, their tent and wagon in the background. The expectant faces of the village audience gleamed in the flickering light of the gas flares against a backdrop of blue-black sky and twisted silhouettes of pines.

Monsieur appeared, clad in flapping checked trousers and a scarlet waistcoat. Through his clown's trappings it became evident at once that this traveling showman was a personality. Lean, dapper, suave, he captured the audience at once by a shower of clever patter, sending them into roars of laughter by his sallies of wit. . . .

"Enfin," cried the engaging showman, 'we will now begin an exhibition of the most remarkable trained animals in the world. Voila—Ninon, the clever goat. She is so 'sage,' so 'gentille.'"

Ninon, urged on by gentle flicks of Madame's little whip, advanced cautiously into the spotlight, sniffing at the squeals of delight which greeted her from the eager children. After a little persuasion she condescended to kneel on her front legs and make the circle of the arena in this manner. Considering that she had done enough for the silly populace, she obstinately refused to teeter on a seesaw, or jump over a high board. Madame whispered in her ear, prodded gently from behind. With a scornful air, Ninon finally did her seesaw trick. . . .

The showman . . . kept up his suave chatter, making joking excuses for the rebellious goat. Dragging her out from under the wagon where she had taken refuge, he invited her to mount a table. She surveyed him with haughty indifference and refused to budge. "These women!" cried Monsieur, and grasping her firmly by the throat and hind quarters, he boosted her upon the table. The audience howled with joy at her discomfiture. Ruffled and indignant, she was forced to climb one table after another until she stood on a pinnacle of six, the last so tiny that she had just room for her four little hoofs. Monsieur broke into a eulogy of her beauty and cleverness, and the villagers hooted and joked, while Nino flicked an ear and pretended not to notice. In a moment she jumped down and retreated under the wagon with a final flirt of a saucy tail.

Monsieur hastened to cover this unseemly behavior by calling out the little curly white dog, Patou. Eagerly he went through his act of jumping through rings and over hurdles, running to be praised and caressed between each trick. He made his exit to great applause. Under the wagon he said to the sulky goat, "You see, Ninon, how much better it is to be good and do your tricks pleasantly. Then all the world loves you, and master will give you sugar." Ninon sniffed, and remarked how "bete" was Patou to be so easily flattered into working for the public. . . .

The next morning we . . . called on Les Antony at their wagon, to express our appreciation of their show. Monsieur was a most merry and intelligent vagabond. Madame, when stripped of her tinsel, a little worn, but gentle and courteous. They had established a complete ménage in their wagon, even to pots of flowers on the window sill. They told us that they wandered all summer along the Mediterranean coast, playing in the little towns and villages. "It is a good life in summer," said Monsieur. "We are free and out of doors. . . ."

Later, we saw the wagon drive off down the village street. Monsieur led the horse, Patou, still virtuous, trotted nobly beneath the wagon in the dust, while Ninon rode roped in at the rear, looking as haughty and indifferent as ever. Adieu et Bonne Chance, Les Antony! —ANNE MERRIMAN PECK, in "A Vagabond's Provence."

Venetian Sunrise

How often have I now outwatched the night
Alone in this grey chamber toward the sea
Turning its deep-arcaded balcony!
Round yonder sharp acanthus-leaves the light
Comes stealing, red at first, then golden-bright;
Till when the day-god in his strength and glee
Springs from the orient flood victoriously,
Each cusp is tipped and tongued with quivering white.
The islands that were blots of purple bloom,
Now tremble in soft liquid luminous haze,
Uplifted from the sea-floor to the skies;
And dim discerned erewhile through the roseate gloom,
A score of sails now stud the waterways,
Ruffling like swans afloat from paradise.

—From "Poems in Italy," by J. A. SYMONDS.

Mental Action

WRITTEN FOR THE CHRISTIAN SCIENCE MONITOR

IN A dictionary the words "contagion" and "infection" are defined in their primary sense from the standpoint that matter in and of itself has the power of communicating something from one person to another, while a secondary definition shows this capacity as confined to thought alone. From this it might appear that matter is possessed of characteristics similar in this particular to those of the mentality.

Christian Science rejects the notion that matter has any inherent power, for it denies that matter possesses either life, truth, or intelligence; and without these causation is obviously impossible.

As an illustration of the truth of the statement that causation is wholly mental, and that one cannot become possessed of anything unless possession is mentally consented to, one has but to admit that even though something were placed in the pocket of another it would not actually be possessed by him unless he not only knew of the transfer, but also consented to it. It will also be admitted that although certain sounds might reach the auditory canal, unless one were consciously attentive to them they would make no impression upon him, and therefore would not be accepted. They would be without effect.

Nevertheless, the world as a whole has tacitly accepted the first definition of the words "contagion" and "infection," attributing equal truth to the primary and to the secondary explanations. To this fact may be attributed much of the fear by which humanity is haunted, as well as a great deal of its sickness and disease; for, says Job, "the thing which I greatly feared is come upon me."

Many passages in the Scriptures indicate the power of thinking either for good or for ill, and testify to the proposition that thought is objectified according to its character. In Proverbs we read of a mortal, "As he thinketh in his heart, so is he." And in his epistle to the Romans, Paul asked, "Know ye not, that to whom ye yield yourselves servants to obey, his servants ye are to whom ye obey; whether of sin unto death, or of obedience unto righteousness?"

In accord with these statements, Mary Baker Eddy writes on page 153 of the textbook of Christian Science, "Science and Health with Key to the Scriptures": "We weep because others weep, we yawn because they yawn, and we have smallpox because others have it; but mortal mind, not matter, contains and carries the infection. When this mental contagion is understood, we shall be more careful of our mental conditions, and we shall avoid loquacious tattling about disease, as we would avoid advocating crime."

The need for heeding this wholesome advice is seen in the fact, now becoming better recognized through the teaching of Christian Science, that fear is one of the habits of thought which is responsible for much ill health; and it therefore follows that this is to be combated and overcome through a better mentality. Right thinking enables one to offset the constant suggestions of sickness and disease which day after day appear in the advertisements of many newspapers and elsewhere, outlining symptoms and offering remedies of one kind or another. Nor are the news columns of these papers free from objectionable suggestions of the same kind, for they too frequently present pictures of some epidemic to be carefully guarded against, and, invariably, in some material manner. Then, having implanted fear, they leave the readers to follow their own devices.

Some have been thus led to believe that in order to keep well strict hygiene, diet, or some preventive material means must be followed; yet all such methods fail to touch the underlying cause of physical disability, namely, incorrect habits of thinking, in consequence of which mankind is unprotected, and may become the victim of anything in the way of discord which happens to represent the consensus of public opinion.

Christian Science alone furnishes the ability to alter one's thinking by showing how to change it from a material to a spiritual basis. The prophets of disaster then cease to affect one through suggestion, and for the first time in experience is it found possible to say with Paul, "None of these things move me." Christian Science fully corroborates the necessity for right thinking which Paul emphasizes in his epistle to the Philippians, where he says, "Finally, brethren, whatsoever things are true, whatsoever things are honest, whatsoever things are just, whatsoever things are pure, whatsoever things are lovely, whatsoever things are of good report; if there be any virtue, and if there be any praise, think on these things."

With the testimony of two such witnesses as the Bible and Science and Health, and with the evidence all about us that those who are hearkening to the teachings of these books are reaping untold benefits thereby, why should anyone hesitate to surrender the deleterious methods of material thinking and adopt the spiritual method, which has been both tried and proved? The reflection of the Mind "which was also in Christ Jesus" holds the solution to every human problem.

Spring on Ægean Shores

When spring comes to Ægean shores it comes not blatantly, with a sudden crash of thawing streams and snowdrops peering out of frozen earth; nor grudgingly, with one fair day a promise and the next a darkening threat; but artfully, tenderly, like a butterfly emerging from the gray chrysalis of winter, spreading first one bright wing and then the other, slowly, rhythmically, till she stands full poised a perfect creature.

Through all the seasons nature smiles upon this favored region where men through countless ages have given her reverence. In brave defiance of chill winter winds, the rose oft dutifully blooms in the slumbering garden till the first spring flowers come.

Then, one day the breezes blow more softly from the islands in the sea and fishermen sing at their oars, rejoicing that winter's storms are over. On the hills' brown sides the violets and delicate anemones appear, long before, on the peak, the snow has vanished. Almond trees, in rows, burst into joyous bloom; then soon the sturdy locust, the false acacia tree, adds her bright note, and here and there the scattered fruit trees join in the first sweet show of springtime. Then, pell-mell upon each other come the flowers of the season, in rich profusion, and Greece stands suddenly in her full glory as Demeter celebrates the return of blessed Proserpine.

In the market place, the flower stalls are piled high with gorgeous wares; so plentiful and cheap is this fragrant merchandise no one need yearn in vain for a bit of beauty to adorn his room. Even the blue sea seems to blossom as the little rowing boats for hire come bobbing out upon the sparkling waves, all newly painted and smart in their white, fringed awnings and red-carpeted seats, and the call of "Varka, Varka" is like another note in the melody of spring.

In the wide flung fields beyond the town, there is new animation and the rich color of newly turned earth is brightened by the flecks of vivid red which are the petticoats of peasant women working with their men. The sheepfolds on the mountain sides are filled with capering young, and below, in the busy harbor, boats from many ports await their cargoes of woolly freight.

Majestic Olympus, crowned still with heavy snow, stands chillingly aloof, yet dominates the blossoming world.

In the teeming narrow streets of the city there is a new gayety as the poor, relieved from the discomforts of the winter, are filled with fresh hope and those more richly blessed respond as well to that sensation of something pleasant stirring within, like the stirring of new life in the ground. For no season brings joy to the heart like the coming of spring, when spring comes sweetly as it does in Greece.

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By MARY BAKER EDDY

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FOR SATURDAY, FEB. 8

Grand Opera

Full Length Version of Verdi's "Rigoletto" (Shepard Stores—WNAC and WEAN). Three-act opera by the Italian master on Hugo's drama, "The King is Amused," first produced in America in 1857, production of the Chicago Civic Opera Company in its regular winter season in Boston. This is one of the very few occasions when opera is heard in entirety, most versions being portions or condensed to fixed time limits. Operalogue by WNAC announces 10 minutes before actual start of opera radiocast. 8.

Stage and Screen

Paramount-Publix Hour (CBS transcontinental). 10.

Orchestral

Ludwig Laurier's Black and Gold Room Orchestra (WEAF Chain). Opening overture to "Prince Methusalem," by Johann Strauss Sr., is followed later by "Vienna Blood," of Johann Strauss Jr., the "Waltz King." Victor Herbert; Carvl's "Pink Lady" music; "Catalonian Serenade," of Niemann, that section of Provencal France which is influenced by Spain; Gabriel-Marie, Gretry and Grieg, to close. 6.

Walter Damrosch and symphony orchestra; "Adventures in Science," Floyd Gibbons (General Electric — WEAF Chain transcontinental). "Andante," from "Symphony No. 1" of Beethoven; Schubert's "Moment Musicale"; "Iphigenia's Farewell," from Mr. Damrosch's own "Iphigenia in Aulis"; Ravel's "Bolero," which critics ever hold one's attention throughout by its sheer enthusiasm and ever-mounting climaxes compelling thunderous applause by recent audiences because of its sheer driving force; Moszkowski's "Perpetual Motion," which as Mr. Damrosch would say ends, "for obvious reasons." 9.

Ludwig Laurier's Slumber Music Ensemble (WJZ Chain). Operatic selections; light opera of Victor Herbert; French suite of Bizet and Game; closing with "Saeterjenteus" of Ole Bull, noted Norwegian violinist and composer for his instrument. 11.

Vocal and Instrumental

Bernard Levitow's Commodore Ensemble; Ben Alley, tenor (CBS transcontinental). Mr. Alley holds his own very well in programs of the serious type, and is one of the busiest young men in the radiocasting business. Three Cuban Dances, principal motives from Victor Herbert's Indian opera, "Natoma," and three ballads at close, by orchestra, are of interest. 7.

Earle Spicer, baritone; concert orchestra (Fuller—WJZ Chain). The tang of the sea and the wide open spaces flavors the work of Mr. Spicer. Sullivan light opera, Grainger selections and Sousa march engage the orchestra. 7:30.

"Saturday Knights" (Crosley — WLW, WOR). Soloists and orchestra over two of the chain of stations known as the "Quality Group." 8:15.

Lannie Ross, tenor; instrumental trio (WEAF Chain). The "Troubadour of the Moon" sings "Night Wind," "Little Log Cabin of Dreams" and Romberg's "One Alone." Kreisler and Macbeth selections by trio. 11.

Vocal Ensembles

The Guardsman, male quartet (WJZ, KFAB, WREN). Ballads, show music, picture music, and Negro spiritual. 6:15.

Characteristic Music

"The Aztecs" (CBS transcontinental). Mexican group purporting to be descendants of that mighty race ruled by Montezuma, which was conquered by Cortez in the fifteenth century. 4.

Pickard Family (WJZ, WRC, WIBO, KFAB, KWK). Familiar ballads and "hill billy" selections. 8.

"Dixie Echoes" (CBS transcontinental). Negro spirituals by Negro group under the direction of J. Rosamund Johnson, "Brother Jenkins" as soloist. 8:30.

"Around the Samovar" (CBS transcontinental). Vocal soloists, violin soloist, and balalaika orchestra, 9:30.

Recitalists

Mme. Lolita C. Gainsborg, pianist (WJZ, KFAB, WREN). Grieg's "Sonata in E Minor." 6.

RCA Theremin (WJZ Chain international). Short program of familiar works on cello-like sounding radio instrument invented by Leon Theremin, Russian. 7:15.

Muriel Pollack and Vee Lawnhurst, two pianos (WJZ Chain). Cyril Scott's "Danse Negre" and Ohman's "Up and Down the Keys, by radio's feminine Ohman and Arden. 9.

Rhythmic Music

Bernie Cummins and his Hotel New Yorker Orchestra (WJZ Chain). Half hour from Manhattan's newest and largest hostelry. 6:30.

"Launderland Lyrics" (Laundry Owners —WEAF Chain). Soloists and dance orchestra. 8:30. NBC Pacific program. 9.

Smith Ballew and his orchestra; Rudy Vallee and his orchestra (WEAF Chain). Forty-five minutes by Mr. Ballew, one hour by Mr. Vallee. 11:15 and 12.

Walter Beban and his Musical Musketeers (KGO). Final network hour. 11.

Boy Scout Program

Twentieth Anniversary of Boy Scouts (WEAF Chain). Brief résumé of Scout history in this country, bugle call, and reading of the Scout Oath and Scout Law. 7:55.

Dramatic Sketches and Music

"What the American Legion has Contributed to the Development of Aviation"; sketch, "Storm Beaten Wings" (CBS). First is scheduled address of John D. Sullivan, member of the New York State Aviation Commission; second, on flying experience in Canada of Miss Hall Kane Clements, aviatrix. 8.

"Amos 'n' Andy" (Pepsodent—WJZ Chain). 7. NBC, Chicago and Pacific. 10:30.

"The Jameses" (WEAF Chain). Grandpa James has his day. 7:15.

"The First Dress Suit" (WJZ Chain). First program of group calling itself "The Miniature Theater." 10:30.

Talks

French Lessons (CBS transcontinental). Dr. Thatcher Clark, linguist extraordinary. 5:45.

"New Business World" (WEAF Chain transcontinental). Service for business men conducted by Merle Thorpe. 8.

"The Wise Lion" (CBS transcontinental). A tale of Darkest Africa by Dr. Arthur Torrance, explorer, writer and lecturer. 8.

FOR SUNDAY, FEB. 9

Concert Artists

Nina Koshetz, Russian soprano; George Cehanovsky, baritone; Eugene Goossens, guest conductor (Atwater Kent-WEAF Chain transcontinental). Mme. Koshetz features Ponce's "Estrellita," arranged by Frank La Forge, and dedicated to her by those composers, and songs of Gretchaninoff and Rachmaninoff, who have accompanied her, and a burlesque, "Vanka and Tanka," with Mr. Cehanovsky; Massenet aria and ballads by Mr. Cehanovsky; Rimsky-Korsakoff, Glazounoff, the principal work, Debussy's "Afternoon of a Faun," and Wagner, by orchestra. 9:15.

Canadian Soloist; Toronto Symphony Orchestra, Dr. Luigi von Kunits, conductor (Canadian National Railways Chain transcontinental). 5.

Vocal and Instrumental

Bud and Gordon Vandover, vocal duo; concert orchestra (Automatic-WJZ Chain). Popular selection by voices; light familiar classics by orchestra. 4:30. Identical program by NBC Pacific group. 4:30.

Mixed Quartet; Male Quartet; instrumental trio; organist (Davey-WEAF Chain). A program of familiar characteristic selections. 5.

Mary McCoy, soprano; Frank Luther, tenor; male quartet; Phil Ohman and Victor Arden, two pianos; orchestra (Standard Brands-WEAF Chain). Popular selections by the vocalists and pianos. Brahms and Rubinstein by orchestra. 8:30.

All-Soloist Mixed Quartet; Concert Orchestra (WJZ Chain). Operatic arias by soloists; concert works by orchestra. 10:15.

Vocal Ensembles

"Iolanthe" (WJZ Chain) This Gilbert & Sullivan operetta, with "Pinafore" and the "Mikado" are regarded as the three most popular operettas of these Englishmen. National Light Opera Company production under the direction of Harold Sanford. 1.

Old Company's Songalogue" (Lehigh-WEAF Chain) Male quartet selections. Bass solo, "A Bandit's Life," by Frank Croxton. 6:30.

Enna Jettick Melodies (Dunn McCarthy-WEAF Chain transcontinenetal) Mixed quartet and string group. 8.

Armchair Quartet (WJZ Chain) Male voices and Keith McLeod, vibraphonist. 11:45.

Salon Singers; Lew White, organist (WJZ Chain) Russian and American composer by mixed voice group, Chopin and Rachmaninoff selections by Mr. White. 9:15.

Orchestral

Roxy Symphony Orchestra, Joseph Littau, conductor (WJZ Chain) American composers Ernest Bloch, Deems Taylor, John Alden Carpenter, Mortimer Wilson, Charles T. Griffes and Henry F. Gilbert. 2.

Characteristic Music

"Spanish Dreams" (WEAF Chain) Julian Oliver, Spanish tenor, recognizes a fellow countryman, Manuel de Falla, who is gradually coming into his rightful place, in the singing of "Your Black Eyes." For close, Ponce's "Serenata Mexicana." Orchestra plays "Cadiz" of Valverde and Ponce's "Estrellita." 1:30.

"Troika Bells" (WEAF Chain) Soloist and balalaika orchestra. 2.

"Echoes of the Oriente" (WEAF Chain) Near East melodies by an instrumental group under the direction of Sven von Hallberg, who spent many months in these regions gathering them. 6.

Russian Cathedral Choir (WEAF Chain) Soloists, choir, quartet and pianist. 11:15.

South Sea Islanders (WJZ Chain) Hawaiian singing and playing group. 11:15.

Recitalists

Godfrey Ludlow, violinist (WEAF Chain). Four short pieces in fifteen minutes the best known, "Ay, Ay, Ay," in his own arrangement. 1:45.

Curt Peterson, baritone; Mme. Lolita C. Gainsburg, pianist (WEAF Chain). Faure, Carpenter and Merwin ballads by Mr. Peterson, NBC announcer. First movement, Rubinstein's "Concerto in D Minor," by Mme. Gainsborg. Characteristic Saint-Saens' dance and Glazounow waltz by orchestra. 2:30.

Countess Olga Medolago Albani, soprano (WEAF Chain). Four ballads representative of France, Italy and America. 6:15.

Sam Herman, xylophonist; Frank Banta, pianist (WEAF Chain). Two old and two new. 11:45.

Rhythmic Music

"Ollomaties" (Williams-WJZ). Dance program, with soloist, from Chicago. 7:30.

"Champions" (Studebaker-WEAF Chain transcontinental). Specialties, show and picture music. 10:15.

Dramatic Sketches and Music

"Simon Bolivar" (Durant-WEAF Chain). The "George Washington of South America." 7.

"Fashions in Fiction," Albert Payson Terhune (Collier-WJZ Chain transcontinental). In addition to the regular sketches and popular selections. 8:15.

"Penrod" (WJZ Chain). Serial presentation of Booth Tarkington book. 9:45.

"Sunday at Seth Parkers" (WEAF Chain transcontinental). An old fashioned get together on Sunday evening in a New England home. 10:45.

Talks

"Our Government" (WEAF Chain). David Lawrence, editor of the national official daily newspaper the United States Daily. 9.

"The Readers' Guide" (KGO, KHQ, KOMO, KOA). Half hour review of new books and worthy articles in magazines. 9:30.

Radiocasts of Christian Science Services

FOR SUNDAY, FEB. 9

BROOKLYN — Fifth Church of Christ, Scientist, 11 a. m., E. S. T., by WPCH, 810kc-370m.

DETROIT—First Church of Christ, Scientist, 10:30 a. m., E. S. T., by WGHP, 1240kc-242m.; Second Church of Christ, Scientist, 7:30 p. m., by WMBC, 1420kc-211m., joint auspices Christian Science Churches of Detroit.

CLEVELAND — First Church of Christ, Scientist, 11 a. m., E. S. T., by WJAY, 620kc-484m., auspices Churches of Christ, Scientist, Greater Cleveland.

MINNEAPOLIS—Second Church of Christ, Scientist, 5:30 p. m., C. S. T., by WCCO, 810kc-370m.

CHICAGO — Seventh Church of Christ, Scientist, 10:45 a. m., C. S. T., by KFKX-KYW, 1010kc-294m.

TERRE HAUTE—First Church of Christ, Scientist, 11 a. m., C. S. T., by WBOW, 1310kc-229m.

ST. LOUIS — Fourth Church of Christ, Scientist, 11 a. m., C. S. T. by KFQA-KMOX, 1090kc-275m.

KANSAS CITY—Third Church of Christ, Scientist, 11 a. m., C. S. T., by WREN, 1220kc-246m., auspices Christian Science Churches of Kansas City, Mo.

The Listener Speaks

THE beginning of the Thursday series of "School of the Air" radiocasts through Columbia stations at 2:30 was even more interesting than the first of the historical presentations the preceding Tuesday. While the lives of great men of the past have mostly been dealt with fairly successfully before, very few serious attempts at the interpretation of art fundamentals have been made—and the myths of ancient Greece are certainly an important basis of much of the finest imaginative work in the world.

Out of the mass of these legendary tales one alone could be selected for presentation in this course. Very wisely the directors chose the Greek expression of the most important of all myths—that one which explains the recurrence of apparently lifeless winter and the new birth of spring. The story of Persephone, daughter of Ceres, the goddess of harvests and fertility, and of her carrying off to the underworld by Pluto, was placed in the hands of William Ford Manley for adaptation to this purpose.

The proper atmosphere was created to begin with by the singing of the impressive "Hymn to Apollo," which is attributed to the fourth century, B. C., and was discovered at Delphi in 1893. The music used in this program was taken from Debussy's "Pipes of Pan."

The story itself was given a fireside setting in which a mother began it as a bed-time tale for her own children. It shortly continued in dramatized form, however.

A charming picture of the girl playing on the borders of the forest and of the galloping approach of Pluto in his ebony chariot was given. With this gentleman, however, entered an element of modernity, which deprived the myth of much of its real color. The ruler of the underworld reminded one more of a West End Londoner perfectly at home in the underground railway system. He was suave, gently ironic and most completely in control of his voice as well as his emotions.

When it became necessary to entice his fair captive to devour the pomegranate which alone had remained of all the fruit upon the withered earth, while her mother sought for her and forgot to attend to the business of spring, Pluto remarked to his cook, "Now allow me to handle this!"

Mercury on his arrival about this time also cried out, "Would you mind calling off your dog?"

Doubtless the story is the same in whatever manner of speech it may be heard, however, and in any case the idea of the fateful six seeds eaten by Persephone and of her duty to spend six months of each year in the underworld in consequence, was clearly given.

At the end of the play it was explained again that in the march of increasing human knowledge such symbolical explanations and others, like the fairy story of "Sleeping Beauty," growing out of them, could be viewed as rather the amusing imaginations of uninformed races—valuable for their beauty and poetry only. Perhaps, with the further progress of human thought, our present conceptions may also be somewhat discredited, and the ideas behind these ancient symbols may be found to have much truth in them after all.

However, whatever may be said of the interpretation of the myth and of its distinctly modern atmosphere, it must be conceded that any such introduction to the wealth of myth and legend in a day when perhaps too little thought is given to beauty for its own sake, is worthy of much sincere praise.

Next Thursday Edwin Markham is to assist in a program devoted to poetry which is especially loved by children. D. M.

RURAL-URBAN MEETING FEB. 19

BURLINGTON, Vt. (AP)—Dr. H. C. Taylor, director of the Vermont rural survey, has announced a meeting of the Rural-Urban Relations Committee at Rutland, Feb. 19. The personnel of the survey committee on educational facilities for rural people has been completed with Miss Marion Gary of Rutland chairman, Miss Katherine M. Cook, chief of rural education division of the United States Bureau of Education will direct the financial part of the rural education study.

NO EXPOSITION TRAIN

ST. ALBANS, Vt. (AP)—The committee in charge of the Vermont special train has abandoned plans for running the annual exposition train, it is announced. The committee will direct its efforts toward preparedness for a tour in 1931, which is to be supplemented by an elaborate state publicity program.

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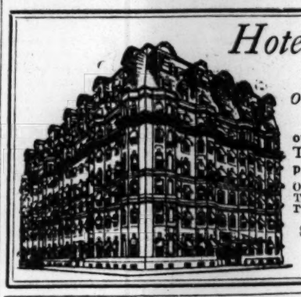

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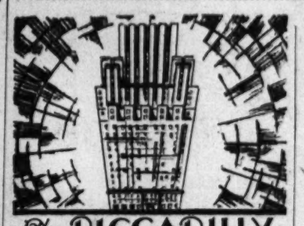

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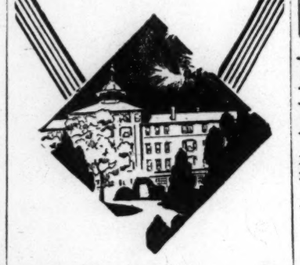

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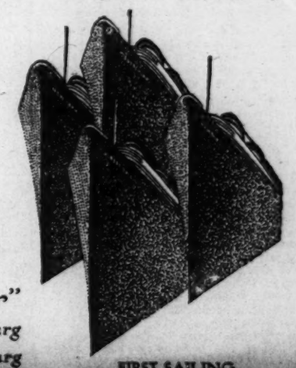

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STOCK MARKET SUBJECTED TO PROFIT-TAKING

Irregular Movement During Day, With Heaviness Near Close—Money Easy

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NEW YORK—Yesterday's rather soft market gave the financial community a clue to the trading today, and the general belief that the lower discount rate had been pretty well discounted for the time being was confirmed by irregular price changes. To an impartial observer probably the market would have been called strong, because it recovered fairly well in the afternoon after ducking under a selling wave in the morning.

The "technical position" of the market may be as bad as some observers think it is, and a substantial recession may be necessary, after more than a fortnight of rising prices. However, more stamina is being shown than most people suspected the market possessed. The turnover was smaller at approximately 3,350,000 shares. Cotton was again weak, but wheat was steadier.

Rails and Utilities Up

Buying of the railroad and public utility issues helped to sustain prices in general and advances of 2 to 4 points were common enough in those groups. Copper and other mining shares also perked up in the afternoon, while the food stocks rallied as they have not done in some time.

Specialties were irregular. Gillette rallied against the shorts, but Simmons fell again. Fox maintained itself fairly well.

Canadian Pacific was the outstanding rail on the split up news. Baltimore & Ohio rose more than 2 points, sell-ex-rights. Coal roads did unusually well. Seaboard attracted attention. Steel wabbled at the start, but regained equilibrium close to the previous closing price.

A sudden rise of more than 15 points in Canadian Pacific was accompanied by rumors of a plan to split up the stock and to offer shares to "customers" of the road. The buying was said to have come from Montreal. An hour or so before the close confirmation came from President Beatty who was quoted as saying that a four-for-one split had been decided upon.

The Bank Rate Reduction

Approval of the reduction in the New York Federal Reserve Bank's discount rate to 4 per cent was virtually unanimous in Wall Street. Particularly since the Bank of England and other important European central banks had put down their rates, there seemed to be no valid reason for further maintaining the local rate and the directors have done the sensible thing. The new and lower rate is now not only in closer conformity to commercial paper and open market bill rates in effect before the reduction, but it already has brought a further cheapening of interest charges. It is expected that other regional banks still on a 5 per cent discount rate level will quickly reduce to 4½ per cent and that some on the latter level will follow the local bank.

The effects of the ½ per cent reduction in the Federal Reserve Bank rate yesterday were slow in registering upon the money market today. Call money renewed at 4, which it has done on previous occasions where the 4½ per cent discount rate held. Time money fell an average of ¾ per cent, but the rates for average maturities remained about ¾ to ½ per cent above the 4 per cent present discount rate. Commercial paper about noon fell to 4½ per cent for best names, 4¾ per cent for prime names and 5 per cent for names not so well known. A reduction of ¼ per cent all around.

The rise of $57,000,000 in brokers' loans for the last week was without much effect on sentiment. It merely confirmed the widely held impression that margin trading has increased moderately during the last week, and that purely short covering operations are playing a less important part in the rise than they were two or three weeks ago.

FEDERAL RESERVE SYSTEM STATEMENT

WASHINGTON — The combined statement of the 12 Federal Reserve Banks, compares as follows (000 omitted):

	Feb. 5, '30	Jan. 29, '30
Total gold reserves	$2,976,563	$2,985,212
Gold held exclusagst F R notes	1,704,522	1,712,422
Total reserves	3,176,435	3,188,356
Sec by U S Govt obligations	197,928	220,312
Other bill discounted	183,494	186,629
Bills bot in open mkt	295,791	258,472
Total U S Govt sec	677,213	665,413
F R notes in act circ	477,844	476,536
Meb bnk res acct	1,683,481	1,901,901
Ratio of total res to deposit and F R note liab comb	78.0%	78.3%

The ratio of total reserve to net deposit and Federal Reserve note liabilities combined for the 12 Federal Reserve Banks and the entire system as of Feb. 5 compare with the previous week and a year ago as follows:

	Feb. 5, 1930	Jan. 29, 1930	Feb. 6, 1929
Boston	84.8	84.8	59.5
New York	76.5	77.3	78.8
Philadelphia	74.7	75.0	68.1
Cleveland	76.1	76.8	67.3
Richmond	74.8	74.1	61.1
Atlanta	75.9	76.2	59.7
Chicago	78.5	78.5	69.9
St. Louis	73.3	71.1	58.6
Minneapolis	78.6	77.9	68.5
Kansas City	84.1	84.6	66.9
Dallas	58.8	60.7	54.2
San Francisco	85.0	87.3	63.1
Total	78.0	78.3	69.3

The statement of the Federal Reserve Bank of Boston compares as follows (000 omitted):

	Feb. 5, '30	Jan. 29, '30
Total gold reserves	$252,529	$245,569
Gold held exclusagst F R notes	191,725	191,725
Total reserves	275,145	268,769
Sec by U S Govt obligations	11,920	12,851
Other bills discted	10,867	13,605
Bills bot in opn mkt	13,768	16,443
Total bills on hand	36,555	42,899
F R notes in act circ	165,423	166,958
Mem bnk—res acct	147,472	146,619

CRUCIBLE STEEL CO. EARNINGS LARGER

Preliminary report of Crucible Steel Co. of America for year ended Dec. 31 shows net of $8,162,343 after federal taxes, depreciation, interest, etc., equivalent after deducting 7 per cent preferred dividends to $11.66 a share on 550,000 shares of common, compared with $5,634,417, or $7.06 a share, in 1928.

	1929	1928
Oper prof	$11,969,543	$9,540,474
Total inc	12,949,316	10,157,946
Depr res, etc	4,584,889	4,308,946
Interest	202,084	214,583
Net profit	$8,162,343	5,634,417
Prd divs	1,750,000	1,750,000
Com divs	4,399,960	2,887,450
Surplus	2,012,383	396,967

*After federal taxes.

CHICAGO & NORTH WESTERN

Chicago & North Western, as of Sept 30, 1929, shows total assets of $898,297,087 compared with $873,436,813 Dec. 31, 1928, and profit and loss surplus $81,683,495, compared with $71,263,872. Current assets totaled $45,024,190 and current liabilities $21,442,900 compared with $29,047,405 and $13,144,074.

Closing Prices FRIDAY'S TRANSACTIONS ON THE NEW YORK STOCK EXCHANGE

1930 High	1930 Low	Stock	Div. in $	Sales	High	Low	Last Feb. 7	Last Feb. 6
33¾	22	Abitibi		300	26¼	26⅛	26¼	26¾
7¾	6¾	Abitibi pf		100	72	72	72	72½
57½	45	Ab & Straus	1.60	100	53	53	53	
32	23¼	Adams Ex		10300	31½	30¼	30⅞	30¾
41¾	22	Adv-Rumely		500	18	17¼	17¼	18⅜
		Adv-Ru pf		200	34	32	32	37½
131¾	118	Ahumada		100				
32	21	Air Reduc		2700	126	123½	124¾	124½
31⅝	28	Airway El		700	29¾	28½	29¼	29⅜
29	18	Alaska Jun		1000	8¾	7⅝	8¼	8¼
103¾	95½	Alleghany		52300	31¾	29¾	30¾	30
282	255¾	Ajax Rubber		400	2	1⅞	2	2
123	121	Allegrany pf w		400	103¾	102¾	103¾	103½
62¾	49¼	Allied Chem		400	278	276	278	280
32	29	Allied Ch pf		500	123	122	123	
21⅞	18	Allis-Chal		6900	60⅞	59¾	60	60¾
7⅞	7	AL Port Cem		400	29⅞	29½	29⅞	29
32¾	27¼	Amerada		1400	20	19	19⅝	19½
88	77	Am Ag Ch		200	7¼	7¼	7⅜	
12	7	Am Ag Ch pf		100	29	29	29	30
50	40¼	Am Bk Note		1000	87	85	87	85⅞
50¼	46¾	Am Bet S	2.40	200	7¾	7¾	7¾	
125	118½	Am Bosch		15300	50	45¼	47⅜	45¼
14⅜	8⅜	Am Brake		2900	50⅜	50	50⅜	49¾
68½	60½	Am Brake pf		50	125	125	125	125
136½	117¼	Am Br Bv		600	14¼	13¾	14	13½
82½	78⅜	Am Br Bv pf		100	65	65	65	65
46	36⅝	Am Can		38000	136½	132½	134⅜	132
33	26¾	Am Car & F		300	80¼	79¾	80¼	82
27½	23¾	Am Chain		100	44	44	44	
49	35	Am Chain pf		500	29	28¾	28¾	29
99½	88¾	Am Chicle	1.60	600	27½	26½	27½	26½
108¾	107	Am Com Alc		500	29	28¾	28¾	28¾
99	95⅛	Am En Til		600	27½	26½	27½	26½
223¾	197¾	Am European		600	48¼	48	47⅞	48⅝
30¾	27¼	Am & FPw		28800	96¾	93⅝	94	95¼
39¾	35⅛	Am & FP		100	108	108	108	107¾
43¾	35¾	Am & FP 2pf		100	99	99	99	99¾
23¾		Am Hawaii		200	21	21	21	20½
105	94⅞	Am Hide pf		400	27½	27¼	27½	28
114⅝	111¾	Am Ice		3000	36⅛	35⅞	35¾	36¼
51½	44	Am Int Corp		9000	43¾	41⅜	43¾	41¾
74	65	Am La Fr		200	2¾	2¾	2¾	4¼
1	¾	Am Loco		300	100	100	100	
94½	77	Am Loco pf		100	113	113	113	100
169¾	100	Am Metals		1700	51¼	49½	50⅝	50½
84	80	Am Mot G pf		20	74	72	74	70
37⅞	30¼	Am Piano		4400	4	3¾	4	4
27¾	20½	Am Pw&Lt		4100	12¾	90¼	90¾	91¾
93	80½	Am P & L 6		500	100⅜	100¼	100¼	100¼
103	99	Am P&L pf st		300	84	83½	83½	83⅞
3½	3	Am Radiat		13600	35¾	34⅜	35	35¼
17½	14¼	Am Repub		2500	90¾	87½	89¼	90
29	21¼	Am Roll Mill		400	24¾	24	24	25
16¼	13	Am Roll M rts		3700	78	78	78	80
71⅝	53	Am Saf Raz		200	62	61¾	62	62
64	46	Am Seating		100	20¼	20¼	20¼	20¼
100	50	Am Smelt		5600	78	73¾	76¾	76¾
42¾	36¼	Am Stl Fdu		1400	49¾	47¾	48¾	47¾
39⅝	36¼	Am Stl F pf		70	113	113	113	112⅝
67	60½	Am Stores		200	48½	48¼	48¼	48¼
107	104	Am Sugar		100	65¾	65¼	65½	65¼
27¾	26¼	Am Sugar pf		230	114¾	112½	112½	114
232½	216	Am Tel&Cab		100	106	106	106	
103½	89½	Am T&T		10	27	27	27	26¾
16	7½	Am Wat W		6700	23¼	22¾	23	22¾
37¾	15¾	Am Wool		6800	100¾	97	97¾	98
17⅝	8¼	Am Wool pf		4200	18	17¾	17¾	18
51⅜	40	Am Zinc		8000	37¾	35	36¾	36¾
80¾	69⅝	Anac Wire		3500	17¼	15¾	16¾	16
46⅞	35	Anaconda		500	53	51¾	52⅞	53¼
37½	31¼	Anchor Cap		77100	80¾	77⅞	78½	78¾
27¾	24¾	Andes Cop		700	37¾	35¼	35¾	44½
81¾	79	Arch Dan		1600	27	26¼	26¾	26¾
35	31	Armour D pf		200	79½	79	79	79½
3½	2⅝	Arm Ill A		800	6¾	6	6	6⅜
64	60	Arm Ill B		100	33¾	33¾	33¾	33¾
87⅝	61½	Arm Ill pf		100	61¾	61¾	61¾	61¾
100	50	Arnold Cons		200	7	6¾	6¾	7⅛
42¾	36¼	Art Loom pf		60	100	100	100	
34⅞	28	Asso Apparl		800	42¾	42	42	42¾
37⅝	32½	Asso Dry G	2.40	200	34½	34¼	34¼	34½
240	219¾	Asso DG 2pf		200	87	86¾	87	
103¾	102¾	Asso Oil		50	35¼	35¼	35¼	35¾
170	166	Atchison		1700	239	237	237	237
103¾	102¾	Atchison pf		600	103½	103¾	103½	103¾
62¾	52¼	Atl Coast L		200	170	168	170	169
39⅝	36¼	Atl G&WI		200	76½	76¼	76¼	76¾
104⅞	101	Atl G&WI pf		100	62¾	62¼	62¼	62¾
237	175½	Atl Refin		1600	38¾	38	38¼	38½
6⅛	3⅜	Atlas Pwd pf		50	13	13	13	13
8	4½	Auburn Auto		500	227	221¼	224½	226
45	37	Austin		200	4¼	4¼	4¼	5
6¾	4¾	Auto Sales		900	6	6	6	
		Auto Strop A		200	45	42	45	
		Aviation		2700	5½	5⅜	5½	5½

—B—

35¼	30½	Baldwin		7500	34⅜	33⅝	33⅝	34½
116	111	Baldwin pf		50	114⅝	114⅝	114⅝	114⅝
119⅜	115	Balt & O		3300	117⅝	116⅝	117¼	117¼
110½	107	Balt & O ris		63000	11⅝	11⅜	11⅜	11⅝
70⅞	62	Bamber p f		30	110	110	110	110
112	110	Bangor & A		100	70¾	70	70	70
24½	21⅝	Bangor&Apf		30	110¼	110¼	110¼	
16⅜	14	Barnsdall A		600	22¾	22¼	22½	22
77	67½	Beacon Oil		100	14⅜	14⅜	14⅜	14⅜
104Q	103	Beatrice		600	74⅞	72¼	74⅞	73⅜
83½	70½	Beatrice pf		100	103	103	103	
417	327½	Belg NR ppf		100	87¼	82¼	82¾	82¼
36⅝	31¼	Bendix		6000	40¾	38⅝	39¼	40⅝
102½	92	Best & Co		4200	36¼	34⅝	34⅝	34⅝
127	122¼	Beth Steel		13000	101⅝	99¾	100½	100⅜
79	74	Beth Steel pf		100	126	126	126	126
56¾	47¾	Blm'dale pf		10	74	102	102	101
68¾	60⅜	Blow-Knob pf		100	54⅞	53	53	53⅝
42	32¾	Bohn Alum		3600	68¾	66¼	66⅜	66⅛
103	99	Borden		100	102½	102½	102½	102½
3½	3	Bork Warner		2600	43¾	39¾	39¾	40½
17½	14¼	Boston & Me		200	21¾	21¾	21¾	21¾
29	21¼	Briggs & Str		600	16¾	16¾	16¾	16¾
16¼	13	Brockway		100	27	27	27	28
71⅝	53	Bkyn Man T		100	14¾	14¾	14¾	15
150¾	131	Bkyn Un G		4800	70¼	67¾	68½	67½
41¼	40	Brown Shoe		600	147¾	144¼	145½	144½
20⅝	13¼	Bruns Balke		100	41	41	41	
26⅝	23¼	Bruns Term		100	14½	14¼	14¼	14¼
37¾	33¼	Bucyrus		200	20½	20¼	20¼	20⅝
12⅞	9¾	Bucy cv pf		600	25	24⅞	25	25
14⅝	8¼	Budd Mfg		400	12½	12	12	12¼
40½	29⅞	Budd Wheel		700	13¾	12	12	12¼
20⅜	26⅛	Bullard		100	39½	39	39½	39½
105⅜	99½	Bulova Watch		700	29½	29	29½	29
27	24	Burns Br A		100	100¼	100¼	100¼	
50⅞	43¼	Burns Br B		2400	24	24	24	24
44⅜	36	Burroughs		1300	48¼	47¼	47½	48
108	100¼	Bush Term		1200	43⅜	42¾	43	43¼
4	3	Bush T deb		100	106¾	105	106⅜	106⅞
5¼	4½	Butte Con		200	2½	2½	2½	2½
95⅜	80¼	Butte & Sup		300	5	4⅞	5	5
		Byers		4200	83½	82	82¾	82¾

—C—

70⅞	66⅝	Calif Pack		200	69¾	69	69½	69¾
2⅞	1	Callahan		300	1¾	1½	1½	1¾
19⅞	8¾	Campbell		100	25¾	25¼	25¼	25¾
33⅜	29	Cartr & Ariz		400	87¼	86	86¼	85½
71¾	63¾	Calu & Hecla		4000	31	30¾	31	31½
219⅞	187⅝	Canada Dry		1200	71	70½	70½	71¾
32½	27	Can Pac		16500	22¾	20¾	22¼	22¾
19⅜	18⅜	Cannon Mills		300	32½	31¾	32	32
34½	31	Capital Adm		100	23¼	23¼	23½	23½
249⅞	192¼	Capital A pf		100	34½	34¼	34¼	34¼
68	54	Case Thresh		1500	236¾	233	233	237
56¾	35½	Caterpillar		4100	68	66½	67	65½
27¼	24	Celotex		6700	55¾	54	54¾	55¾
34¾	30¾	Cen Agu rre		100	24¼	24¼	24¼	24
110	105¼	Cen Alloy		200	32¼	31½	32¼	32¼
5	3¾	Cen Alloy pf		20	106	106	106	
65¾	59⅞	Century Rib		100	3¾	3¾	3¾	
15⅞	11	Cerro de P		2000	64⅜	63¾	64	63
44¾	36	Cert-Teed		5600	78	73¾	76⅜	76⅜
74½	63½	Checker Cab		1800	15	14⅜	14½	15
229	203	Ches Corp		100	74½	72¼	73¾	71¾
57¾	53¾	Ches & Ohio		200	229	224	228	224½
157⅜	138⅝	Chi & Alt pf		100	7	7	7	7
40⅜	36⅞	Chi Gt West		200	15¼	14¾	14¾	15⅜
26⅝	24	Chi Gt W pf		100	39⅞	38½	39⅛	38¼
43¾	41⅞	Chi M&SP		5700	26⅜	25¾	25¾	25¾
89⅝	84	Chi M&SP pf		10200	45¾	44⅜	44¾	44½
32⅞	22½	Chi & NW		200	89¾	87	88¼	88¼
118⅞	107	Chi Pneu		100	31	30¼	30¾	31
104¼	100¼	Chi R I		200	120¼	118	120	117½
108	107	Chi RI 6%		100	107¾	107¾	107¾	107¾
67¾	57½	Chi RI 7%		300	108	107¾	108	107
7⅝	3¾	Childs		1800	65	63¾	63¾	63¾
41¾	33¼	Chrysler		22200	40¾	39½	40	41
107⅝	70½	City Ice		600	63¾	63¾	63¾	65⅛
98½	96	City Ice pf		10	98½	98½	98½	
101¾	88¾	City Stores		100	46	46	46	46½
28½	23	Clark Equip		100	9	9	9	
5¼	3	Cluett Phdy		100	38½	38¼	38¼	
32¼	14⅝	Coca Cola A		100	36	34½	36	34¾
50¾	36¾	Colline & A		200	49¾	49½	49¾	
89	88	Colo F&I		200	32¾	31½	31⅝	32¼
65¼	65¼	Colo Southn		100	89	88	88	89
92⅜	70½	Colo So 2pf		1000	65½	65½	65½	
107	104¾	Colum Gas		19000	90¼	87⅜	88¼	88
93½	91	Col Gas pf A		100	92	92	92	
195⅜	168¼	Col Gas pf B		100	105	105	105	105½
31⅞	23¾	Col Carbon		600	196	184¼	184¼	189
85	16⅜	Col Graph rts		2	2	2	2	2½
40	31⅞	Col Graph		40500	20¼	28¾	28¾	30
107	104¾	Com Cred		300	31¼	30¼	30¼	31⅝
22	22	Com Cr Ipf		10	85	85	85	
43	33¾	Com Cr pf B		100	38¾	38¾	38¾	38
64⅞	52¾	Com InIv Tr		50	24	24	24	
32¾	27¼	Com I 6½%		400	47¼	45¾	45¾	46½
155	123	Com Sol		1600	92½	92	92	
17¼	13¾	Comwlth Pw		400	27¼	25¾	26¼	25¾
23	13½	Comwlth So		69100	17¼	15⅞	15⅞	15¾
23	12¼	Congoleum		300	17¾	17¾	17¾	16¾
25	18	Con Film		1200	20¾	20¾	20¾	17¼
114¾	96⅝	Con Film pf		100	22¾	20¾	20¾	20¾
100½	99½	Con Gas		1000	113¾	110¾	113	113¾
57	49	Con Gas pf		100	100¼	100¼	100¼	111
18	12	Con Prty C pf		100	57	57	57	54½
6¼	4¼	Con Textile		100	15¾	15¾	15¾	15¾
48½	39	Container A		100	17¾	17¾	17¾	17¾
6⅝	5⅝	Container B		700	6¾	6¾	6¾	6¾
91½	88	Cont Bak A		2300	46¾	45¾	45¾	46½
60½	50¼	Cont Bak B		1200	6	5¾	6	6¼
34½	28	Cont Bak pf		100	91	90½	91	89½
71	59	Cont Can		25600	60¼	57¼	58¾	57¾
67⅝	55⅝	Cont Dia Fib		23600	32⅝	30	30½	33
34⅜	27⅝	Cont Ins		200	69	68	68	69¼
99⅜	87½	Cont Motors		4200	24¾	21¾	21¾	22
33	24½	Cont Oil		500	22¾	21¾	21¾	22
29½	25½	Cont Shares		4200	34¾	33	33	33¾
26	18⅜	Cont Prod		900	98¾	96½	96¾	97¼
33	24½	Coty		900	31	30½	30⅝	30¾
22	10¼	Cream of Wh		100	27¾	27½	27½	27¾
48	43	Crosley		400	15¼	15¼	15¼	15¾
92½	86½	Crown Cork		200	49¾	49¾	49¾	
114½	110	Crucible		1400	90¾	90	90¼	85⅞
7⅛	4	Crucible pf		230	114¾	112½	112½	114
1¼	⅜	Cuba Cane ct		100	⅝	⅝	⅝	⅞
13¾	9	Cuba Cane		200	7	7	7	7
1¼	⅜	Cuba Co		100	⅝	⅝	⅝	⅞
9	7¼	Cuba Cr pf ct		1200	13¼	12¾	12¾	13
64⅞	58½	Cub Am S		200	1¼	1¼	1¼	
48	45	Cub Am S pf		50	8¾	8¾	8¾	8½
115	113	Cudahy		100	63	63	63	
116	114¾	Curtis Pub		100	46	45½	45½	45½
8¼	6½	Curtis P pf		400	116	114	115	
15⅝	13⅜	Curtiss Wr		2600	7¼	7¼	7¼	7⅜
110	109¾	Curtiss W A		900	14	13¾	13¾	13¾
		Cushman S		20	110	109¾	110	

131	128⅛	*Dill Central		2000	129¾	128½	129¾	129½
23½	21¼	Ind Oil & G		100	21¾	21	21¾	22
9¾	7	Indian Mot		1400	9	8½	8¾	9
22¾	17¾	Indian Refin		1400	21¾	20½	20½	21⅜
124	107	Indian Re ct		2100	21¾	20½	20½	21⅜
30¾	26¼	Ind Rayon		300	105	101	101	20¼
13⅜	4	Inspiration		4300	30¾	30¼	30¾	30
34	23¾	Insuran Co		1000	15⅞	15½	15¾	15¾
5¾	4¼	Interboro RT		1800	34	30½	31¼	30⅛
166	152½	Intercon Rub		100	5¼	5¼	5¼	5¼
61⅜	56⅜	Int Agri		100	6	6	6	6
8⅝	5	Int Business		100	163	163	163	163
56	33	Int Cement		200	58½	57¾	58½	57½
92¼	78¾	Int Columb		700	7	6¾	6¾	6¾
39⅜	31½	Int Comb pf		700	50¾	50	50	48¾
15	12¼	Int Harv		1500	89¾	87¾	88¼	88¾
61½	61½	Int Hyd El		6900	39¾	38¾	39¾	38¾
40	32¾	Int Match pf		15300	39¾	38¾	39¾	38¾
54	43	Int M Marine		400	26½	26	26	26½
120	118½	Int Nickel		15300	23¾	22¾	23½	23½
3	2	Int Print I pf		10	94	93½	94	94
		Int Str Shoe		100	61¼	61¼	61¼	
		Int Tel & T		24700	65⅞	64¼	65⅛	65⅛
		Inter Dep St		1500	34⅝	33½	34⅝	34½
		Int D St pf ww		300	75	75	75	75
		Inv Equ		100	23¼	23¼	23½	23½
		Jewel Tea		100	50¾	50¾	50¾	52
		Jones & L pf		50	120	119½	120	120
		Jordan Mot		400	3	2⅞	2⅞	2⅞

—K—

82	77	Kan City So		400	80⅜	79½	80	79½
69	67¼	Kan C So pf		100	68	68	68	
41½	34	Kayser		200	34⅞	34⅞	34⅞	35
5⅜	3¼	Kaufmn St		100	20	20	20	19
99⅞	85	Keith Alb pf		100	99	99	99	
45	35	Kelly Sp		1400	47⅜	45⅝	45⅝	47⅜
31¾	22½	KellySt6%		300	45	45	45	45
62¾	55¼	Kelvinator		5300	31¾	29¼	31¼	29⅝
62¾	55¼	Kennecott		2600	113¾	111¾	113¾	111¾
52½	49	Kimberly		23600	62¾	60¼	61¼	60⅝
47⅜	38⅝	Kolster R		2200	51¾	51¼	51¼	50¾
36⅝	32⅜	Kroger Ch		9000	47⅞	45½	47⅜	45⅞
1	1	$Kress Co		2700	33	32⅝	32¾	33
48¼	42⅞	$Kruger Toll		7300	68	68	68	68
		$Kroger			46¼	44¾	45⅞	43½

—L—

22½	21¼	Lago Oil		200	22½	22	22	8
9	6¼	Lee Rubber		400	8¼	8	8	8
15	12¾	Leh P Cem		200	36¼	36¼	36½	35

...E YORK BOND MARKET

(Quotations to 2:50 p. m.)

	High	Low
Ab Straus 5½s '43	99½	99¼
Alleghany 5s '44	101¼	101⅛
Alleghany 5s '49	101⅛	101⅛
Allis Chalmers deb 5s '37	101	101
Am Ag Chm 7½s '41	103½	103½
Am Cyanamid 5s '42	97¼	97¼
Am I G Chem 5½s ct '49	101	100½
Am Inter 5½s cv '49	96⅛	96
Am Sugar Refining 6s '37	104¾	104¾
Am T&T '60	101	100⅞
Am T&T 4½s cv '39	150	148
Am T&T col 5s '46	103½	103¼
Am T&T col 6s	101¼	100⅞
Am T&T deb 5½s '43	105⅝	105⅝
Anglo-Chile 7s '45	86½	86½
Ann Arbor 4s	77½	77½
Armour & Co 5½s '43	85	84¼
Atch T&SF adj 4s '95 sta	89½	88½
Atch T&SF gen 4s '95	92½	92¼
Atch T&SF 4½s	140	133
Atch T&SF 4s '05	90	90
Atl & Danv 1st 4s '48	60	60
Atl Gulf & WI col 5s '59	77⅞	77
Atl Refining deb 5s '37	100½	100½
B&O 1st 4s '48	92½	92½
B&O 4s PLE&WV div '41	93	93
B&O cv 4½s '33	99⅛	99
B&O rfg 5s '95	102	102
B&O 58 ct Swn div	102⅛	101½
B&O 1st 5s ct '48	103⅜	103⅜
B&O 5s series D	101½	101½
B&O rfg 6s '95	109	109
Bangor & Aroos 4s '51	86½	86½
Bell Tel of Pa rfg 5s '48 B	103¾	103⅝
Bell Tel of Pa 5s '60 C	105½	105½
Beth Steel pur mon 5s '36	102	102
Beth Steel rfg 5s '42f	102⅛	102⅛
Boston&Me 5s '67	98	96¾
Botany Cons Mills 6½s '34	41	40
Brklyn Ed gen 5 sA '49	104	104
Broadway con	37⅞	37⅞
Brklyn-Man Tr sf 6s '68	97½	97⅛
Bush Term con 5s '55	97⅛	97
Bush Term Bldg 5s '60	100⅜	100
Cal Pet 5½s '38	99¾	99¼
Can Nat Ry gen 4½s '54	94	94
Can Nat Ry 4½s '57	93	93
Can Nat Ry 4½s'68	102⅞	102⅞
Can Nat Ry 5s	100½	100½
Can North deb 6½s '46	113⅞	112⅞
Can Pacific deb 4s	83⅝	83⅜
Can Pacific 5s '44 ct	101¼	101⅛
Can SS Ltd 6s '42	95	95
Cen of Ga 5s C '59	99⅜	99⅜
Cen Pacific 1st 4s '49	92⅜	92⅛
Cen Pacific 5s '60	102⅝	102½
Ches Corp 5s '47 rcts	100	99⅞
Ches & O 4½s A	94¼	94⅛
Ches & O gen 4½s '92	98¼	99¼
Ches & O 4½s B	94⅛	94⅛
Chi B & Q 4½s	98	97½
Chi & East Ill 5s '51	78	78
Chi Gt West 4s '59	64⅝	64⅜
Chi MStP gen 3½s '89	73⅜	72⅜
Chi M&StP cv 4½s '32 ct	94¼	93⅞
Chi M StP&Pac adj 2000	74	73⅝
Chi M StP&Pac 5s '75	92¾	92⅜
Chi & Nw 4½s '87	100¼	100
Chi & Nw 6½s '36	108⅝	108⅝
Chi RI&P rfg 4s '34	96¼	96
Chi RI&P 4½s '52	93⅝	93⅜
Chi Ter Hau & SE 5s '60	92½	92½
Chi & W Indiana 5½s '62	104	104
Chile Copper 5s '47	95⅝	95½
Clev CC&StL gen 4s '93	88¼	88
Clev CC&StL 4s CW&M '91 92		92
C C & I 6s	104	104
Colonial 6s ct	75¾	75½
Colum Gas & E 5s '52 Apr	100	100
Colum Gas & E 5s '52 May	100¼	100
Com Az Antilla 7½s '39	50	50
Com Inv Trust 5½s '49	88½	88
Con Coal (Md) rfg 5s '50	62	61½
Con Gas 5½s '45	105¾	105½
Consum Pow uni 5s '52	103	102
Crown Cork & Seal 6s '42	98	98
Crown Wil Paper 6s '51	101	101
Cuba Cane Sug deb 8s '30	92	92
Cuba Cane Sug 7s ctf	42	42
Cuban-Am Sug col 8s '31	99¾	99½
Del & Hudson 5½s '37	103½	103½
Del & Hudson 7s '30	100⅝	100⅝
Den & Rio G con 4s '36	93	93
Den & Rio G Wn 5s '55	97	96
Den & Rio G Wn rfg 5s '78	88⅞	88⅜
Detroit Ed 5s '40	102½	102½
Detroit Ed rfg 5s '40	102½	102½
Detroit Tun 4½s '61	96½	96½
Dodge Bros 6s '40	94½	94¼
Dold Packing 6s '42	69	68½
Dul Miss 5s	101	101
Duquesne L & L 4½s '67	98	98
East Cuba Sug 7½s '37	82	80⅝
Edith Rock 6s	101	101
Erie cv 4s A '53	84	84
Erie gen 4s '96	86⅝	86⅜
Erie 5s '67	86⅝	86⅝
Erie gen lien	81	80⅜
Fed Lt & Trac 6s '42	94½	94½
Fisk Rubber 8s '41	86⅞	85½
Fla East Coast 5s '74	58½	55½
Francisco Sug 7½s '42	96¼	96¼
Gal Houa & Hend 5s '32	94⅞	94⅞
Gen Cable 5½s '47	100⅜	100⅛
Gen Mot Acc Corp 6s '37	103	102⅞
Gen Pet 5s '40	100⅝	100⅝
Gen Pub Svc 5½s '39	98	97¼
Gen Steel Cast 5s '49	102¼	102½
Gen Inv 5s	83⅜	83⅜
Goodrich 1st 6½s '47	105½	105½
Goodyear 5s '57	91⅜	91⅜
Grand Tk Ry Can 6s '26	105	105
Grand Tk Ry Can 7s '40	109⅞	109⅞
Great Northern 4½s '76 D	96¾	96⅝
Great Northern 5½s '52	109½	109
Great Northern 7s '36 A	111⅝	111
Gulf States Steel 5½s '42	98	98
Hudson Coal 5s '62	71⅜	71⅜
Hud & Man adj in 5s '57	77½	77⅛
Hud & Man rgf 5s '57	96¾	96
Humble Oil 5s '37	100¼	100
Humble Oil 5½s '32	101⅝	101⅝
Ill Bel Tel rfg 5s '56	104	104
Ill Cen 3½s Lou div '55	82½	82½
Ill Cen 4s '53	88¼	88¼
Ill Cen rfg 4s '55	92	91⅞
Ill Cen 4¾s '66	98½	98
Ill Cen rfg 5s '55	104⅛	104⅛
Ill Cen 6½s '36	109	109
Inter Match Corp 5s rcts '47	97⅝	97¼
Inter Rap Tran rfg 5s '66	68¼	67½
Inter Rap Tran 5s sta '66	68	67
Inter Rap Trans 7s '32	91	90½
Int Cement Corp 5s '48	93⅞	93⅝
Int Mer Mar col 6s '41	98	98
Int Paper rfg 5s A '47	85½	85½
Int Paper 6s '55	86	86
Int Rys Cen Am 5s '72	90½	90
Int Tel & Tel 4½s '52	117¾	116⅜
Int Tel & Tel 5s '41	96⅝	96⅝
Kan City So rfg 5s '50	100	100
Kan Gas & Elec 6s '52	105	104⅜
Kentucky Cen 4s '37	89¼	89¼
King Co Lt 6s '54	125¾	125¾
Kinney Co 7½s '36	102	102
Kresge Foundation 6s '36	103	103
Laclede Gas rfg 5s '34	100	100
Laclede Gas rfg 5s '34	100	100
Laclede Gas 5½s '53	102⅝	102⅝
Lake Shore & Ms deb 4s '31	99⅛	99⅛
L Ar... 6s '54	81½	81
Le... 6s '51 ex-war	93½	93½
Le... '51	101	101
Ni... cl col 5s '36	100½	100
Mi... Ry & Lt 1st 5s '61	98½	98½
Mi... P & SSM 4s '38	89	89
Min St L & SSM 5s gtd	99½	99½
Min St P & M 5½s '49	82½	82½
Mo Pac 5s F '77	99¼	99
Mo Pac 5s G '78	98⅝	98⅜
Mo Pac 5½s '49	111	110⅜
Montana Power 5s A '62	99	99
Montreal Tram col 5s '41	98⅝	98⅝
Nash Chat & L 4s '78	91	91
Nassau Elec con 4s '51	53	53
Nat Dairy Prod 5¼s '48	98⅞	98⅝
N O Pub Ser 5s A '52	85	85
N O Pub Ser 5s B '52	85	85
N O T & M 5½s '52	102½	102½
NYC&HR gen 3½s '97	79⅛	79⅛
NYC&HR rfg & im 5s 2013	106	102⅝
NYC L Sh cou 3½s '98	78	77¾
NY Chi & St L 5½s '74	106½	106½
NY Dock 5s	77¼	77
NY Edison 5s '44	103¼	103⅛
NY GELH&P pur m 4s '49	93	93
NY GELH&P 5s '48	105¼	105¼
NY NH&H 4½s '67	91½	91⅜
NY Out & W rfg 4s '92	60½	60
NY Steam Corp 6s '47	106½	106½
NY Tel con rfg 5s '39	99¾	99⅝
NY Tel rfg 6s '41	106½	106½
Niag Falls Pow 5s '32	100½	100½
Niag Falls Pow 6s '32	101½	101½
Niag Lock & O Pr 5s '56	102	102
Norf So rfg 5s A '61	70	69⅝
Nor Pac gen 3s 2047	64⅞	64⅞
Nor Pac 4½s A 2047	97½	97½
Nor Pac 5s C 2047	104⅜	104⅜
Nor Pac 6s B 2047	85	85
Nor States Pow 5s A '41	101	101
Nor States Pow 6s B '41	105½	105½
Ohio Pub Ser 7½s A '46	111	111
Ohio Riv Ed 6s '48	105½	105½
Ore Short Line gtd 5s '46	105	105
Ore Wash RR&N 4s '61	89¼	89¼
Otis Steel 6s '41	102	101⅜
Pac Gas & Elec 5s '42	102	102⅛
Pac P&Lt 1st rfg 5s '30	100	100
Pac Tel & Tel 1st 5s '37	101⅞	101⅞
Pac Tel & Tel rfg 5s '37	103	103
Pan-Am Pet & T 6s '34	102½	102½
Pan-Am Pet & T 6s '40	93	93
Paramount Fam Las 6s '47	99¼	99½
Pat Pac 5s	101⅜	101⅜
Penn Dixie C-C 6s '41 A	97½	96½
Penn Cent Lt & P 4½s A '77	96¾	96⅜
Penn RR std 4½s '21	99¼	99¼
Penn R R 1952	90	90
Penn RR 4½s '63	93¾	93¾
Penn R R con 4½s '60	100⅛	100
Penn R R 6s '36	98⅝	98⅝
Penn R R 5s '64	103	102⅝
Penn R R gen 5s '68	106⅝	106⅝
Penn R R gold 6½s '36	108⅞	108⅞
Penn RR col 7s '30	104¾	104¾
Peo Marq 5s '56	103⅜	103⅜
Phillips Pet 5½s '39	99½	98
Phil Co 5s '67	98¼	98¼
Phil Elec Co 4½s '67	95½	95½
Phil & Read C & I 5s '73	87	87
Phil & Read C & I 6s '42	94	94
Pillsbury ... M 6s '42	104¼	104¼
Pit... & Ss '33	105	105
Por...	98¼	97¾
Por... 12	98	98
Pr... Ale 5s '53	94⅛	94
Pub ... & G 4½s '67	97½	97⅛

	High	Low
Public Svc El & Gas 4½s	95⅝	95⅝
Pure Oil 5½s '37	99⅞	99⅞
Purity Baking 5s '48	95½	95½
Read rfg 4½s '97	98⅝	98⅝
Richfield Oil 6s	95⅝	95½
Remington Arms sf 6s '37	96	95⅝
Remington Rand 5½s '47 ww	96½	96⅛
Rep Brass 6s '48	103	102⅝
Rep I & S s f 5s '40	101½	101½
Rep I & S rfg 5½s '53	103¾	103¼
Rock I Ar&Lou 4½s '34	97½	97½
St L I M & S gen 5s '31	100¼	100¼
St L I H & S 4s B&G dv '33	96½	96½
St L & S F 4s A '50	88¾	88½
St L & S F 4½s '78	90	89⅝
St L S W 2d 4s '89	78½	78½
St L S W con 4s '32	98¼	98¼
St L S W 1st 5s '52	98½	98¼
St P & K C S L 4½s '41	95⅝	95⅝
St P M & M Mont '33	94⅝	94⅝
St P M & M 4½s	99	99
San Ant Pub Ser 6s '52	104	104
San Ant & Ar P 1st 4s '43	92	92
Schulco s f 6½s B '46	57	57
Seabd A L rfg 4s '59	60	58¾
Seabd All Fla 6s B	72	70
Seabd A L adj 5s '49	58	54⅞
Seabd A L con 6s '45	75¼	71½
Seabd All Fla Ry 6s A '35	70¼	69⅞
Sharon Steel Hoop 5½s '48	97	97
Shell Pipe 5s '52	94	93⅝
Shell Union 5s '47	97⅞	94½
Shell Un 5s ct ww	98¼	98¼
Sinclair Cn O col 6½s '38	100¼	100
Sinclair Cn O col 7s '37	101¾	101
Sinclair Cru O 5½s '38	98⅞	97¾
Skelly Oil 5½s '39	91⅝	91⅜
South P Rico Sug 7s '41	105½	105½
So Bell Tel & Tel 5s '41	102½	102¼
So Colo Pow 6s '47	101⅞	101⅞
So Pacific rfg 4s '55	92	92
So Pac 4½s '69 ww	98¼	97⅞
So Ry gen 4s '56	90	89¾
Sy Ry con 5s '94	108	108
So Ry gen 6s '56	116¼	116
So Ry gen 6½s '56	122½	122½
So Ry 4s M & O div '38	91⅝	91⅝
So Ry 4s St L div '51	89	89
Stand Oil NJ 5s '46	103	102½
Stand Oil NY 4½s '51	95⅞	95¼
Tenn Elec Power 6s '47	106¼	106¼
Tex Corp 5s '44 rct	101⅞	101⅝
Tex & Pac 1st 5s 2000	107⅝	107⅝
Tex & Pac 5s C '79	100¼	100
Tex & Pac 5s B '77	100¼	100
Third Ave rfg 4s '60	51⅝	51
Third Ave adj 5s '60	32¾	32
Tol Trac Lt & P 5½s '30	100⅛	100⅛
Truax Traer Coal 6½s '43	84	84
Trumbell Steel 6s '40	103	103
Ulster & Del con 5s '28 st	85	85
Union El L & P 1st 5s '32	100¼	100¼
Union El L & P rfg 5s '33	100¾	100¼
Union Oil Cal 5s C '35	99½	99½
Union Pac 1st 4s '47	94⅝	94⅝
Union Pacific 4s '68	88⅛	88⅛
Union Pacific rfg 4s 2008	89⅜	89⅜
Union Pacific 4½s '67	96⅝	96½
Union Pacific rfg 5s 2008	108⅝	108
U Ry St. Louis 4s '34	70	70
U S Rubber 5s '47	85½	85¼
U S Rubber 7½s '30	100⅞	100⅞
Utah Lt & Trac 5s '44	98⅝	98⅝
Utah Pow & Lt 5s '44	93	92⅝
Util Pow & Lt 5½s '47	87	86½
Vertientes Sugar 7s '42	60	60
Va Ry & Power 5s '34	101	101
Wabash 1st 5s '39	102	102
Wabash 5½s '75	102	101⅜
Walworth 6s '45	90	89¼
West Pa Pow 5s G '56	103½	103½
West Shore 4s 1940	73	73
Western Maryland 4s '52	81¼	81⅛
Western Maryland 5½s '77	81¾	81¼
Western NY & Pa 4s '43	91⅝	91⅝
Western Pac 5s A '46	98	98
Western Un r e 4½s '50	97	97
Western Un 5s '51	101¾	101⅝
Western Un col 5s '38	102½	102
Western Un 6½s '36	109	108¾
Westinghouse Elec 5s '46	102	102
Wheel & L Erie con 4s '49	89	89
Wheeling Stl 4½s B '53	88	88
Wheeling Steel 5½s '48	101	101
White Eagle Oil 5½s ww	103¾	103⅜
White Sew Mach 6s '40	73⅜	73
Wickwire Spen 7s cv ct '35	29	29
Willys-Ov'd 1st 6½s '33	99	98⅞
Youngstown 5s	101	100⅞
Wilson & Co 1st 6s '41	100¼	100
Winch R Arms 7½s '41	100	100
Wis Cen 4s S & D div '36	82	82

LIBERTY BONDS

	Open	High	Low	Last Feb 7	Feb 6
3½s 8'47	....	99.10	99.10	99.8	99.8
1st 4¼s '47	101.2	101.5	101.2	101.4	101.6
4th 4¼s '38	101.11	101.13	101.11	101.12	101.9
US 3⅜s '47	100.	100	99.29	99.29	99.27
US 3¾s '56	104.24	104.26	104.24	104.26	104.16
US 4¼s '52	111.18	111.14	111.14	111.14	111.17

Quoted in thirty-seconds of a point.
For example, read 102.8 as 102 8-32.

FOREIGN BANDS

	High	Low
Adiratic El 7s '52	99½	99½
Akershus 5s '63	92¾	92¾
Alpine Mon Stl 7s '55	93	93
Antioquia 7s A '45	77½	77½
Antioquia 7s D '45	72	71½
Antwerp 5s '58	94¾	94¾
Argentine Gov 5s '45	88	88
Argentine 5½s '62	92¾	92¾
Argentine Gov 6s June '59	96½	96
Argentine Gov 6s Oct '59	96¼	96
Argentine Gov 6s May '60	97	96½
Argentine Gov 6s Sept. '60	96⅞	96⅝
Argentine Gov 6s Oct '60	96¼	96
Argentine Gov 6s Feb '61	96½	96½
Argentine Gov 6s May '61	96½	96½
Argentine Gov 6s '57 A	97½	97
Argentine Gov 6s '58 B	96½	96½
Australia 4½s '57	80¾	80¼
Australia 5s '55	87¾	87½
Australia 5s '57	88	87⅜
Austria (Gov) 7s '43	104½	103
Belgium (King) 6s '55	103	102½
Belgium (King) 6½s '49	109¼	108⅝
Belgium (King) 7s '55	111	111
Belgium (King) 7s '56	108½	108
Belgium (King) 7½s '45	116	116
Belgium (King) 8s '41	110¼	110
Berlin 6s '58	88¼	87⅞
Berlin Elec 6½s '51	91	90½
Bogota (City) 8s '45	93¼	92½
Bolivia 7s '69	74	73
Bolivia (Rep) 7s '58	74¾	73¾
Bolivia (Rep) 8s '47	90	89½
Bordeaux (City) 6s '34	103⅜	103¼
Brazil (Cen El Ry) 7s '52	83	83
Brazil 6½s '26-57	75⅞	75¼
Brazil 6½s '27-'57	75¾	75
Brazil (US) 8s '41	97⅞	97⅝
Bremen 7s '35	100	100
Breda 7s ww	96½	96⅛
Budapest (City) 6s '62	76½	76¼
Buenos Aires 6s Apr '60	85	85
Buenos Aires 6s '61	85⅝	85
Buenos Aires 6½s '55	99	99
Bulgaria 7½s '68	84	84
Can (Dom) 4½s '36	98	98
Can (Dom) 5s '21	100⅛	100⅛
Can (Dom) 5s '52	103½	103¼
Carlsbad (City) 8s '54	106	106
Chile (Bank) 6s '61	87¼	87¼
Chile (Bank) ct 6½s '57	93	93
Chile (Bank) ct 6½s '61	94¾	94¾
Chile (Rep) 6s '60	89	88½
Chile (Rep) 6s Jan '61	89½	88¾
Chile (Rep) 6s '61 Feb	89¼	89¼
Chile (Rep) 6s '61 Sept	89	89
Chile (Rep) 7s '42	101½	100½
Cologne (City) 6½s '50	93½	93½
Colombia Mtg Bk 7s '47	73¼	73¼
Colombia (Rep) 6s Jan	76	76
Colombia(Rep) 6s '61 Oct	75½	74⅝
Copn'n (City) 4½s '53	91	90⅞
Copn'n Tel 5s '54	93¾	93⅜
Cordoba (Prov) 7s '42	96	96
Cuba (Rep) 4½s '49	93¼	93¼
Cuba (Rep) 5s ('14) '49	101½	101½
Cuba (Rep) 5½s '53	100¼	100¼
Cundl (Rep 6½s '59	72	72
Czech (Rep) 8s '51	111	111
Czech (Rep) 8s B '52	111	111
Danish Mun 8s A '46	110½	109⅝
Danish Mun 8s B '46	109½	109½
Denmark (King) 4½s '62	91½	91½
Denmark (King) 5½s '55	100⅞	100
Denmark (King) 6s '42	104⅜	104⅜
Deutsche Bk 6s ctfs '32	98⅝	98¼
Duke Price Pwr 6s	104¼	104¼
Dresden 7s '45	97	97
Dutch E I 6s '47	102	101¾
Dutch E I sf 6s '62	102½	102¼
Duke Power 6s	104¾	104¼
Est R R Co 7s '54	105½	105½
Fiat 7s '46 war	106¼	106¼
Fiat 7s '46 ex-war	91	91
Finland (Rep) 6½s '56	95	95
Finland (Rep) 7s '50	98¼	98¼
Framerican Dev 7½s '42	107⅝	107⅝
French Nat SS 7s '49	103½	103½
French (Rep) 7s '49	115¼	115¼
Port'gal—escudo	.0450	.0450	1.0805
Rumania—leu	.00559⅝	.00559⅝	.193
Spain—peseta	.1317	.1316	.193
Sweden—krona	.2684	.2684	.268
Switz'land—franc	.19305⅜	.19305⅜	.193
Jugoslavia—dina	.01767½	.01767½	.193

Far East

Hong Kong—dol.	.3837½	.4945	.5425
Shanghai—tael	.4837½	.4925	*
Indian—rupee	.3635	.3635	.4866
Japan—yen	.4918	.4918	.4985
Phil Islnds—peso	.4987½	.4987½	.50
Sts Stiments—dol	.5662⅛	.5662⅛	.5678

South America

Argentina—peso.	.3760	.3760	.4245
Brazil—milreis	.1135	.1135	.3245
Chile—peso	.1203	.1203	.1216
Colombia—peso	.9675	.9675	.9733
Peru—pound	4.00	4.00	4.8665
Uruguay—peso	.8870	.8870	1.0342

North America

Canada—dollar	.98	.99 1-32	1.00
Mexico—dollar	.3237½	.3225	.4985

*Par unsettled.

CHAPMAN VALVE'S YEAR

Chapman Valve Manufacturing Co. in 1929 had the most satisfactory year in its history. Net profits for the year, before federal taxes, amounted to $796,182, equal, after 7 per cent dividends on $500,000 preferred stock, to $25.37 a share on the 30,000 common shares outstanding. After deducting tax reserve of $88,059, net amounted to $22.43 a share on the common stock.

Share in the Profits of

28 LEADING COMPANIES

Railroads—Industrials—Utilities—Oils

33 Years' Average Dividend

North American Trust Shares are issued against deposit with the Guaranty Trust Company as trustee of the stocks of companies with a total capital and surplus of Twenty-Two Billion Dollars.

In 1929 the total return to shareholders was at the rate of eleven per cent—for the past eighteen years there was an average annual return of thirteen per cent—and in 1930 indicated return will exceed even this eighteen year average.

— Full information on request —

EWING & CO.

26 Broadway, New York City

Telephone: DIGby 7170

	High	Low
Montecatin 7s '37 ww	107½	107½
Montecatin 7s '37 xw	97	96⅞
Montevid (City) 7s '52	99¼	99¼
New So Wales 5s '57	86½	84
New So Wales 5s '58	84⅝	84⅝
Nord Rys 6½s '50	104¼	104¼
Nor Germ Lloyd 6s '47	88⅞	88⅞
Norway Bank 5s '67	96½	96½
Norway (King) 5s '63	97½	97
Norway (King) 5½s '65	101¼	101
Norway (King) 6s '43	103	103
Norway (King) 6s '44	103	103
Norway (King) 6s '52	102½	102⅜
Norwegian El 5½s '57	92	92
Nuremberg 6s '52	86	86
Oriental Dev 5½s '58	89	88⅞
Oriental Dev Ltd 6s '53	97¼	97¼
Oslo (City) 6s '55	100⅝	100⅝
Pamana (Rep) 5s '63	90¼	90¼
Paris-Lyons Med 6s '58	103⅝	103⅝
Paris-Lyons int ctf 7s '58	106⅛	106
Paris-Orleans 6½s '68	101¼	101¼
Peru 6s '60	75	74½
Peru 6s '61	75	74⅝
Peru 7s '59	92⅝	92½
Poland 7s '47	83	82⅝
Poland 8s '50	94⅞	94⅝
Prague (City) 7½s '52	106⅜	106⅜
Queensl'd (State) 6s '47	106⅜	106⅜
Rhine Main 7s '50	101	101
Rhine West '53 ww	92¼	91
Rhine West '53 xw	90	90
Rhine Westphalia 7s '50	101¼	101¼
Rhine Westphalia 6s '52	90¼	90¼
Rhinelbe 7s '46 war	104½	104¼
Rhinelbe 7s '46 ex-war	97	96⅜
Rio de Jan (City) 6½s '53	74½	74⅜
Rio de Jan (City) 8s '46	99¾	99½
Rio G do Sul (State) 6s '68	67¾	67¾
Rio G do Sul (State) 8s '46	95	95
Rome (City) 6½s '52	89	88¾
Rotterdam (City) 6s '64	106	104½
Salvador (Rep) 8s '48	105¾	105¾
Sao Paulo (Bz) 7s '56	84¼	84¼
Sao Paulo (City) 6½s '57	76	76
Sao Paulo (City) 8s '52	101	101
Sao Paulo (State) 8s '36	99	98½
Sao Paulo (State) 8s '50	91½	91⅛
Saxon Pub Wks 6½s '51	90	90
Saxon Pub Wks 7s '45	98	98
Saxon State 7s '45	98	98
Seine (Dept) 7s '42	108	107½
Serbs Cro & Slov 7s '62	78½	78⅛
Serbs Cro & Slov 8s '62	88¾	88
Shinyetsu El Pw 6½s '52	91	91
Siemens 6½s ct '51	104¾	103½
Siemens 7s '35	102	101⅞
Silesia Bk 6s '47	74½	74½
Silesia Elec Corp 6½s '46	82½	82½
Silesia (Prov) 7s '58	72¾	72¾
Soissons (City) 6s '36	104¼	103⅝
Sweden (King) ct 5½s '54	104	103¾
Swiss Confed 8s '40	108	108
Swiss Gov 5½s '46	102¾	102¾
Toho El Pow 6s rcts '32	89⅜	89⅜
Toho El Pow 7s '55	99¼	99¼
Tokyo (City) 5½s '61	88⅞	88⅝
Tolima (Dept) 7s '47	72½	72½
Trondhjem 5½s '57	96⅝	96⅝
Tyrol 7½s '55	96⅞	96⅞
U K Gt Br & I 5½s '37	104	103¼
Uni Stl W 6½s A '51	88¾	88
Uni Stl W 6½s C '51	88¾	88
Uruguay (Rep) 6s '60	95½	95¼
Uruguay (Rep) 8s '46	105⅞	105⅝
Warsaw 7s '58	76⅞	76½
Westphalia El 6s '53	82⅝	82⅝
Wuerttemberg 7s '58	82¾	82¾
Yokohama (City) 6s '61	90¼	89¾

MONEY MARKET

Current quotations follow:

	Boston	New York
Call loans—renewal rate	4%	4%
Commercial paper	6	4¾@5
Customers' loans	5@5½	6
Collateral loans	6½	6½
Year money	6½	..
Time Loans—		
Sixty-ninety days	4¾	4¾
Four to six months	4¾	4¾

	Today	Last Previous
Bar silver in New York	43½c	43¾c
Bar silver in London	20½d	20⅝d
Bar gold in London	85s 11½d	84s 10½d

Clearing House Figures

	Boston	New York
Exchanges	$74,000,000	$1,146,000,000
Year ago today	82,000,000	1,317,000,000
Balances	27,000,000	153,000,000
Year ago today	31,000,000	109,000,000
F'R bank credit	24

Intercollegiate, Club and Professional Athletic News of the World

INDOOR SINGLES IN SEMIFINALS

New York University Students Spring Surprise in Indoor Tennis Doubles

UNITED STATES INDOOR LAWN TENNIS CHAMPIONS

Year	Winner	Runnerup
1900—J. A. Allen		Calhoun Cragin
1901—Holcombe Ward		Calhoun Cragin
1902—J. P. Paret		W. C. Grant
1903—W. C. Grant		Calhoun Cragin
1904—W. C. Grant		C. C. Kelley
1905—E. B. Dewhurst		W. C. Grant
1906—W. C. Grant		E. P. Fischer
1907—T. R. Pell		W. C. Grant
1908—W. C. Grant		G. F. Touchard
1909—T. R. Pell		C. C. Shafer
1910—G. F. Touchard		R. A. Holden Jr.
1911—T. R. Pell		W. R. Cragin Jr.
1912—W. C. Grant		W. B. Cragin Jr.
1913—G. F. Touchard		G. C. Shafer
1914—G. F. Touchard		W. H. Rosenbaum
1915—G. F. Touchard		A. M. Lovibond
1916—R. L. Murray		A. H. Man Jr.
1917—S. H. Voshell		C. B. Herd
1918—S. H. Voshell		F. B. Alexander
1919—Vincent Richards		W. T. Tilden 2d
1920—W. T. Tilden 2d		Vincent Richards
1921—F. T. Anderson		F. C. Anderson
1922—F. T. Hunter		F. T. Anderson
1923—Vincent Richards		F. T. Hunter
1924—Vincent Richards		F. T. Hunter
1925—Jean Borotra		F. C. Anderson
1926—J. R. Lacoste		Jean Borotra
1927—Jean Borotra		Jacques Brugnon
1928—William Aydelotte		Julius Seligson
1929—Jean Borotra		F. T. Hunter

SPECIAL FROM MONITOR BUREAU

NEW YORK—Two youths from New York University, Stanley J. Harte and Walter Swaybill furnished the surprise in the United States indoor tennis championships, Thursday, at the Seventh Regiment Armory, when they entered the semifinal round of the doubles at the expense of Francis T. Hunter and Harold A. Throckmorton, the leading favorites for the event. Superior team play and a watchful waiting for chances to break through service accounted for the victory, which was scored at 13—11, 4—6, 6—4.

All four of the leading seeded players in the singles, and the other three in the doubles came through victors. J. Gilbert Hall was the only one who had any difficulty in reaching the semifinal round in the singles, when Edward E. Jenkins Jr., one of the players of the Seventh Regiment Club, fought him on even terms for the first two sets, only to lapse badly in his service in the final session, and fail to win a game of the final set. The score was 9—11, 13—11, 6—0. Hunter defeated Eugene H. McCauliff Jr., of Yonkers, 6—3, 8—6, in a service duel. Perrine G. Rockafellow, former doubles indoor champion, eliminated Herbert L. Bowman, of the New York Athletic Club, 6—4, 6—3, and Julius Seligson eliminated the Harvard player, Harris M. Coggeshall, of Des Moines, Ia., 6—1, 6—2.

Rockafellow, paired with Merritt Cutler, had some trouble in winning his doubles match against Ernest Kuhn and Robert Considine, as the latter pair took the first set, and were on even terms at 5-all by a clever pull up in the final set; but the regimental pair finally won by a score of 7—9, 6—3, 7—5. The other survivors were Hall and Kenneth B. Appel, who swamped Raymond Stone and Irving W. Raymond, 6—3, 6—2; and Coggeshall and Richard T. Murphy, who defeated E. W. Burns and Reginald F. Talmage, the Terrace Club pair of Brooklyn 6—4, 9—7. The summary:

UNITED STATES INDOOR LAWN TENNIS CHAMPIONSHIP SINGLES
Fifth Round

Francis T. Hunter, New Rochelle, defeated Eugene H. McCauliff, Yonkers, 6—3, 8—6.

Perrine G. Rockafellow, New York, defeated Herbert L. Bowman, New York, 6—4, 6—3.

J. Gilbert Hall, South Orange, N. J., defeated E. E. Jenkins Jr., New York, 9—15, 13—11, 6—0.

Julius Seligson, Lehigh University, defeated Harris M. Coggeshall, Des Moines, Ia., 6—1, 6—2.

DOUBLES—Third Round

S. J. Harte and Walter Swaybill, New York University, defeated F. T. Hunter, New Rochelle, and Harold Throckmorton, New Brunswick, 13—11, 4—6, 6—4.

Merritt Cutler and P. G. Rockafellow, New York, defeated Ernest Kuhn and Robert Considine, Washington, 7—9, 6—3, 7—5.

J. G. Hall and K. B. Appel, South Orange, defeated Irving W. Raymond and Raymond Stone, New York, 6—3, 6—2.

H. M. Coggeshall and Richard T. Murphy, Harvard, defeated E. W. Burns and R. F. Talmage, Brooklyn, 6—4, 9—7.

FOUR RINKS REMAIN IN UNBEATEN CLASS

Third Day of Play Completed in Winnipeg Bonspiel

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

WINNIPEG, Man.—Only four rinks remain unbeaten after three days of play in the forty-second annual curling Bonspiel in progress here. Two of the rinks are from outside points and two from the city of Winnipeg. One of the visiting quartets that has made a decided impression in the big classic is the Brower Quartet from Toronto, made up of four brothers. They are listed in the undefeated section and have been giving fitting displays of the game at its best in their several appearances so far in the big event, in which 167 rinks are participating.

Hames, of Glenboro, Man., Ness Wise, Winnipeg and J. McMahon, Winnipeg, are the others unbeaten. Wise of the Strathcona Club here, was the winner of the grand aggregate in 1929. At the completion of the morning draw Thursday, 12 rinks were in the unbeaten class, but before the final rock had been thrown eight had fallen by the wayside. There were no less than 12 extra end matches necessary to decide results Thursday, and the progress of the Bonspiel so far has been satisfactory to the officials of the Manitoba Curling Association.

Ker Dunlop of St. Paul, Minn., had a gala day with three wins in as many engagements. In the Birks draw Thursday morning, he disposed of the strong McGregor rink of this city 9—8; in the Free Press event in the afternoon he had a close contest with Collinson, of Souris, Man., winning out by an 8 to 6 score; while on the late draw he emerged victorious after a thrilling match with one of his veteran friends, Alex Blackburn, Granite Club, Winnipeg, 12-11. The Minnesotan and his popular rink are in the sixteenths of the Dingwell event, which is rated as the grand challenge.

Facts About Professional Hockey Players—No. 61

J. ALBERT LEDUC
Canadiens, National Hockey League.

First played professional hockey with Canadiens in the National Hockey League in the 1925-26 season. He was born at Valley Field, Quebec, Canada, Nov. 22, 1902. He is 5ft. 9in. in height, weighs about 182 pounds, shoots right-handed and plays defense. His record:

1920-21—Valley Field, Intermediates, Quebec amateur hockey.
1921-22—Quebec Srs., Quebec Amateur Hockey Association.
1922-23—Quebec Srs., Quebec Amateur Hockey Association.
1923-24—Canadienne Nationale, Bankers' League, Montreal.
1924-25—Canadienne Nationale, Bankers' League, Montreal.
1925-26—Canadiens, National Hockey League.
1926-27—Canadiens, National Hockey League.
1927-28—Canadiens, National Hockey League.
1928-29—Canadiens, National Hockey League.

Text of Amateur By-Law Amended

Caddie Up to 18 Years of Age Eligible to Amateur Golf Competition

SPECIAL FROM MONITOR BUREAU

CHICAGO—Text of the by-law defining an amateur as amended by the resolution which makes a caddie up to 18 years eligible to amateur play is made public here by H. C. Gifford, secretary of the Western Golf Association. Heretofore 16 years has been the age limit. The amended section reads as follows:

"An amateur in golf is one who, since attaining his eighteenth year, has not directly or indirectly accepted any consideration (money or otherwise) for services as a caddie, caddiemaster or green keeper, or for making or repairing golf clubs, or for playing or teaching the game, and who has not played for a money prize.

"No amateur golfer may for a consideration (money or otherwise):

"(a) Lend or allow the use of his name or likeness to anything, or for the advertisement, publication or sale of anything, except in good faith, in the usual course of business, as the actual dealer, manufacturer, inventor or author of the matter or thing done, sold, advertised or published.

"(b) Exploit, advertise, publish or declare his skill, prominence, record or achievements in the game of golf in connection with any business, matter, or thing, nor allow the same to be done.

"(c) No amateur after attaining the age of 18 shall because of his skill as a golfer receive a salary or remuneration either directly or indirectly, from any firm dealing in goods relating to the playing of the game."

Secretary Gifford also asks all members of the Western Association to join in the nation-wide movement to repeal the federal tax on dues and initiation fees to athletic and sporting clubs. The members are asked to write letters to their representatives and senators.

MRS. WIGHTMAN WINS BATTLE

Defeats Mrs. H. S. Green After Five Games—Miss Sears Loses

INTERCITY WOMEN'S SQUASH RACQUETS ROUND-ROBIN CHAMPIONSHIP STANDING

	Points
Philadelphia	12
Boston	11
New York	5
Buffalo	2

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

PHILADELPHIA, Pa.—Three players in the Philadelphia district, all members of the Merion Cricket Club, and one Greater Boston player entered the semifinal round, Thursday, in the United States women's squash racquets championship tournament being held at the Merion Cricket Club, near here. They are Mrs. Crawford C. Madeira, Miss Ruth Hall and Miss Anne Page, representing Philadelphia, and Mrs. George W. Wightman of Brookline, Mass.

Mrs. Madeira scored a surprise by defeating Miss Eleonora R. Sears of Boston in the quarterfinal round, Thursday, 15—5, 15—12, 15—12. Mrs. Madeira won by employing a soft, tricky style, in contrast to the hard driving game of Miss Sears.

Mrs. Wightman, the runnerup, had the longest match of the four survivors, and was extended to the limit before defeating Mrs. H. Stuart Green of Ardsley-on-Hudson, N. Y. The score was 15—5, 6—15, 17—14, 14—18, 17—14.

Miss Hall, who is a sister to J. Gilbert Hall of lawn tennis fame and member of the 1929 United States Davis Cup team, defeated Miss Aurine Boyden of Boston in three straight games, and Miss Page eliminated another Boston district player in Miss Louise Waterman, in a four-game match, 15—8, 15—8, 11—15, 15—13.

Philadelphia women won the intercity team championship by defeating Boston in the final match, Thursday, 3 to 2. Four teams took part in the intercity competition—Boston, Buffalo, New York and Philadelphia.

UNITED STATES WOMEN'S SQUASH RACQUETS CHAMPIONSHIP—
Quarterfinal Round

Mrs. Crawford C. Madeira, Merion, defeated Miss Eleonora R. Sears, Boston, 15—5, 15—12, 15—12.

Miss Anne Page, Merion, defeated Miss Louise Waterman, Boston, 15—8, 15—8, 11—15, 15—13.

Miss Ruth Hall, Merion, defeated Miss Aurine Boyden, Boston, 15—10, 15—10, 15—7.

Mrs. George W. Wightman, Boston, defeated Mrs. H. Stuart Green, Ardsley-on-Hudson, 15—5, 6—15, 17—14, 14—18, 17—14.

INTERCITY TEAM COMPETITION
PHILADELPHIA 3, BOSTON 2

Miss Ruth Hall, Philadelphia, defeated Miss Eleonora R. Sears, Boston, 11—15, 15—8, 14—16, 15—7, 15—7.

Mrs. Crawford C. Madeira, Philadelphia, defeated Miss Louise Waterman, Boston, 11—15, 9—15, 18—15, 15—9, 15—16.

Miss Anne Page, Philadelphia, defeated Mrs. George W. Wightman, Boston, 15—15, 15—12, 15—7, 13—15, 15—7.

Miss Aurine Boyden, Boston defeated Miss Cecilia Bowes, Philadelphia, 15—5, 15—10, 18—17.

Mrs. Donald Holbrook, Boston, defeated Miss Anne B. Townsend, Philadelphia, 15—13, 15—13, 5—15, 15—5.

ADVANCE TO HANDBALL FINALS

NEW YORK—Fred Schmidt and Irving Jacobs gained the final round of the national one-wall handball championship at the Level Club Thursday night. Schmidt, representing the West Side Y. M. C. A., scored a decided upset in defeating the defending champion, Michael Schmookler, who had held the title for two years as a Trinity Club player. The score was 21—16, 21—13. Jacobs, who defeated his rival-to-be in the semifinal of the recent Metropolitan Y. M. C. A. tourney, turned back Simon La Farge of the Railroad Y, 21—0, 21—16.

TALLMAN DEFENDS GOLF TITLE

BELLEAIR HEIGHTS, Fla.—David N. Tallman of the Minikhada Country Club successfully defended his Belleair senior golf championship here Thursday, defeating the challenge of a field which contained four members of the United States senior golf team. Tallman's card of 78 was seven strokes better than that of Hugh Halsell, Metropolitan senior champion, who finished second. Tallman won the title last year with an 80.

MISSOURI AND KANSAS LEAD

Both Fives Remain Undefeated in 'Big Six' Basketball Race

MISSOURI VALLEY INTERCOLLEGIATE A. A. BASKETBALL

Team	W	L	Goals For	Goals Agst	P. C.
Missouri	4	0	129	86	1.000
Kansas	3	0	100	64	1.000
Nebraska	3	2	171	154	.600
Iowa State	2	3	133	154	.400
Kansas State	2	4	177	206	.333
Oklahoma	0	5	118	164	.000

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

COLUMBIA, Mo.—An encounter between University of Kansas and University of Nebraska at Lawrence, Kan., on Monday, promises to provide the high spot of interest in the basketball campaign of the Missouri Valley Intercollegiate A. A. during the next few days. Nebraska has a previous game on the road tomorrow, visiting University of Oklahoma at Norman, Okla.

One other game for the period takes Iowa State College, which has been showing surprising strength, to University of Missouri tomorrow. The latter leads the league with four straight victories, though Kansas is right behind with three straight and even on percentage. Missouri and Kansas do not meet until near the last of this month, and their second engagement is the final of the season. The latter may prove the real title battle of the year.

Kansas should be favored to defeat Nebraska. While the Cornhuskers have a high scoring team, they seem to lack something in defense, as shown by their loss, 46 to 42, when they met Kansas State recently. Kansas State in turn was defeated by Kansas, 29 to 26, which may or may not give an indication of what to expect when Nebraska and Kansas meet. C. R. Thomson '30, right forward for Kansas, is well up among the scoring leaders of the league with 35 points, though he has played fewer games than any of his rivals.

Hopes of Nebraska against Kansas rest on R. D. Maclay '31, center, who is setting a fast scoring pace for the Conference. In five games he has scored 69 points, making 19 in the losing game with Kansas State. Nebraska has another leader in H. E. Grace '30, right forward, who shows 30 points in four games. Nebraska should have little trouble beating Oklahoma for the second time this season. Their first victory over the Sooners was 35 to 20. Missouri blanked Oklahoma's star, shooter, R. T. Churchill '30, center, in the last game and beat the Sooners 37 to 20. Coach H. V. McDermott has been using a great many substitutes to try to speed up the play of his veteran team, which won the title last year, but so far has not had much success.

Missouri looks stronger as each week passes. Capt. R. H. Craig '30, right guard, is leading the Tigers in scoring with 41 points. He made 13 against Oklahoma, which was his high total for one game. Missouri's strength lies in the number of good shooters it displays. Iowa State has been showing improvement, its 37 to 21 victory over Kansas State providing one of the surprises of the season. In this game R. C. Roadcap '32, right forward, provided 16 points, to raise his season total to 44 for second place. Hawk '32, left guard, is another whose shooting is keeping Iowa State in a middle position. The Ames team should give Missouri good opposition. The first 10 scorers follow:

Player	Goals Floor	Goals Foul	Pts.
F. D. Maclay, c, Neb.	29	11	69
R. C. Roadcap, rf, Ia.	8	4	44
R. M. Craig, rg, Mo.	14	13	41
Alex Nigro, rf, Kan. St.	17	6	40
R. C. Hawk, lg, Ia. St.	14	7	35
C. R. Thomson, rf, Kan.	12	11	35
T. C. Bishop, lf, Kan.	11	8	30
A. T. Churchill, rf, Mo.	10	10	30
H. E. Grace, rf, Neb.	13	4	30
M. C. Fisher, lf, Neb.	11	8	30
H. O. Cronkhite, c, Kn.St.	9	9	27
C. H. Huhn, c, Missouri	13	1	27
G. W. Woods, lf, Ia. St.	11	5	27
Ray Russell, lf, Kn.	12	2	26
E. L. Auker, c, Kan. St.	11	3	25
Lawrence Meyer, lf, Ok.	10	5	25

GRAHAM DROPS PRESIDENCY

BY RADIO FROM MONITOR BUREAU

LONDON—Alastair Graham, president of the Oxford University Boat Club, has resigned that highly esteemed office, which is now filled by D. E. Tinne, whose inclusion in the crew at the expense of Graham led to the ex-president calling for the resignation of three coaches, P. C. Mallam, A. F. Wiggins and A. S. Garton. At an emergency meeting at the Oxford Boat Club Thursday, Graham explained he felt the three coaches had arrived at an unanimous opinion that he did not merit a place in the varsity eight without giving him long enough trial, and that in the circumstances he considered no option but to exercise a president's prerogative and make his own decision in the matter.

At Thursday's meeting Graham laid his resignation before the Oxford Boat Club and a resolution that it be not accepted was defeated, 12 votes to 10.

The three coaches involved in this much discussed affair have now been asked to resume work again in the production of the best possible crew to represent the Dark Blues against Cambridge in the 101st intervarsity boat race, April 12—a task rendered more difficult than usual by the large amount of talent from which a selection has to be made. Tinne, now president, says he hopes that Graham will row in the crew after all if he is considered worthy of his seat.

PACIFIC COAST HOCKEY LEAGUE

	W	T	L	Goals For	Goals Agst	Pts
Portland	13	4	6	36	32	30
Vancouver	11	6	6	49	33	28
Seattle	9	6	8	40	39	24
Victoria	4	2	17	35	67	10

PORTLAND TAKES LEAD

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

PORTLAND, Ore.—Scoring a 3-to-2 victory, Portland's Buckaroos went into undisputed leadership of the Pacific Coast Hockey League here Thursday night by defeating Victoria. Victoria scored first after nine minutes on Kenny's individual effort. Three minutes later McGoldrick tied for Portland. In the second period Portland ran in two more goals. Huffman scored the third individual goal and Teel took Lyons's pass for the one that proved the victorious margin. The Cubs got their final goal one minutes after Teel scored. In the third period, Goalie Aitkenhead of Portland turned in a spectacular exhibition and shut out the Cubs. It was the first time in nearly two months that Vancouver has relinquished the league leadership entirely.

GERMAN CUP PLAY APRIL 24

BERLIN (AP)—The German Lawn Tennis Association announces that the first round contest between Great Britain and Germany in the European zone of Davis Cup competition will be played April 24-25-26, at a place to be decided on later. The following German players have been instructed to prepare for the matches: Dr. J. P. Buss, Dr. W. Dessart, F. Frenz, Dr. Heinrich Kleinschroth, J. Kuhlmann, Dr. Heinz Landmann and Dr. Daniel Prenn.

PRINCETON STAR IS DOWNED BY HANSON

One of Two Surprises in Class C Squash Tennis

SPECIAL FROM MONITOR BUREAU

NEW YORK—Two more surprises featred the quarter-final round of the National Class C squash tennis championships at the Harvard Club on Thursday. William J. Hall of the Crescent Athletic Club team furnished the first, when he overwhelmed David Dibbell, the Yale Club leader, in straight games, 15—9, 15—8. An even greater upset, however, occurred when Frank R. Hanson of the Columbia University Club team, who was not even placed in the seeding, defeated C. H. Donner of the Princeton Club team, the undefeated leaders in the team title, 18—17, 18—17.

Two other members of the Princeton Club team, R. F. Hynson, and Frank J. Walters, filled the other brackets for the semifinals this afternoon, the former defeated R. C. Flack of the home club, 15—11, 15—11, and the latter, who was the leader of the Princeton Club team for the greater part of the season, was victor over his clubmate C. S. White, 15—4, 15—6.

The order for this afternoon will bring Hynson against Hanson, with Hall opposing Walters. The summary:

UNITED STATES SQUASH TENNIS CLASS C CHAMPIONSHIP—
Fifth Round

R. C. Hynson, Princeton Club, defeated R. C. Flack, Harvard Club, 15—11, 15—11.

Frank R. Hanson, Columbia University Club, defeated C. H. Donner, Princeton Club, 18—17, 18—17.

W. J. Hall, Crescent Athletic Club, defeated David Dibbell, Yale Club, 15—9, 15—8.

F. J. Walters, Princeton Club, defeated C. S. White, Princeton Club, 15—4, 15—6.

FABRE VICTOR IN SNOWSHOE RACE

Wins Lap Prize and Quebec-to-Montreal Contest

MONTREAL, Que. (By the Canadian Press)—Edouard Fabre, veteran Montreal snowshoe runner, won his sixth consecutive lap and first prize of the Quebec-to-Montreal snowshoe Marathon here Thursday night. Fabre had a lap lead of seven minutes over Philip Granville, Hamilton, his nearest competitor, and a lead for the whole race of nearly three and a half hours. Frank Hoey, another Montreal competitor, was in third place, nearly two hours behind Granville. The total distance covered was about 190 miles.

The runners finished at the Forum here with a mile sprint around a specially constructed track. Just before the arrival of the snowshoers, J. W. Ray, internationally known Marathon runner, won the 15-mile foot race around the track at the Arena in the total time of 1h. 41m. 50s., beating the veteran South African, Arthur Newton, by a lap and a half.

Fabre won each of the six laps from Quebec City since the start of the race last Saturday. Granville, Hamilton Olympic star, could not stand the pace set by the more experienced snowshoe runners and, although he managed to take second place, did not come close to Fabre except during one lap of the race. Granville found the going hard in his first snowshoe race. Fabre, on the other hand, was tired but in good condition.

Beaulac, entered from Manchester, N. H., the sole competitor from the United States, finished in seventh position. His elapsed time was 42h. 14m. 12s.

Best lap times and total elapsed times for the snowshoers follow:

	Lap Time	Total Elap'd Time
	h. m. s.	h. m. s.
Fabre, Montreal	1 33 00	34 18 45
Granville, Hamilton, On.	1 40 00	37 46 24
Hoey, Montreal	1 45 20	39 35 46
Carrier, Price, Que.	1 50 50	40 14 06
Cusson, Montreal	1 48 56	40 29 37
Martineau, Que.	2 05 42	40 31 37
Beaulac, Manch'r, N. H.	2 10 00	42 14 12
Letourneau, Que.	2 00 40	42 21 40
Blackburn, Que.	2 00 40	43 19 55
Quelette, Montreal	2 17 00	43 26 52

TRIPLE TIE NOW FOR SECOND PLACE

AMERICAN HOCKEY ASSOCIATION

	W	T	L	Goals For	Goals Agst	Pts
Kansas City	14	9	8	44	36	37
Tulsa	10	11	9	52	50	31
Duluth	9	13	11	52	59	31
St. Paul	11	9	11	59	57	31
St. Louis	10	10	11	61	68	30
Minneapolis	11	6	15	55	53	28

RESULT THURSDAY

St. Paul 3, Duluth 2, overtime.

SPECIAL TO THE CHRISTIAN SCIENCE MONITOR

ST. PAUL, Minn.—St. Paul came from behind twice to equalize and took advantage of a "break" to win in the overtime, 3 to 2, in an American Hockey Association game with Duluth here Thursday night. The victory gave St. Paul a tie for second place with Tulsa and Duluth, and elevated Des Jardins, St. Paul veteran center, to the lead in individual scoring.

Duluth opened the scoring at the start of the second period after an even and scoreless opening session, when Green and Forslund teamed, the former taking the latter's pass to score. It was well past mid-period before St. Paul could equalize, Romnes taking Thorsteinson's pass for the goal.

In the first three minutes of the third period Forslund passed to Davis for Duluth's second goal. In the final six minutes of the session, when Green was penalized, Des Jardins lifted the puck over Turner, who had gone down in making a stop.

Another penalty cost Duluth the game when Mitchell was banished in the second half of the overtime period. Romnes passed to Goheen at the blue line and Turner half blocked the latter's knee-high shot, but the puck caromed into the corner of the net to end the game. The summary:

ST. PAUL		DULUTH
Conroy, Wilson	lw.rw.	Forslund, Merrill
Des Jardins, Thorsteinson	c	c, Scott, Mitchell
Morrison, Romnes	rw	lw, Green, Goodman
Goheen	rd	Langlois
Mulligan, Rennie	rd	Davis, Bergl
Stark	g	Turner

Score—St. Paul 3, Duluth 2. Goals—Romnes, Des Jardins, Goheen for St. Paul; Green, Davis for Duluth. Assists—Thorsteinson, Romnes for St. Paul; Forslund 2 for Duluth. Referee—Alex Irwin, Winnipeg. Time—Three 20m. periods and 7m. 19s. overtime.

TWO NEW DARTMOUTH RECORDS

HANOVER, N. H. (AP)—Two of Dartmouth College's indoor track records were broken here Thursday, in a series of trials for the Boston Athletic Association games on Feb. 15. A. K. Noyes '31 reached a new height of 12ft. 11¼in. in the pole vault and R. B. Donner '31 leaped 23ft. 3in. for a new mark in the running broad jump.

THREE PLAYERS FINED

MONTREAL (AP)—Three players—J. R. Hughes and Abbie Goodfellow of Detroit and E. W. Shore of Boston—have been fined $25 for their part in a disturbance following the Detroit-Boston game at Boston, Feb. 4, Frank Calder, president of the National Hockey League, announced today.

WASHINGTON IS LEADING RACE

Tops Northern Division of Pacific Coast Quintets—Trojans Ahead

PACIFIC COAST CONFERENCE STANDING
Northern Division

	W	L	Points For	Points Agst	PC
Washington	5	3	245	213	.625
Washington State	4	4	238	237	.500
Idaho	3	3	198	195	.500
Oregon State	4	5	257	282	.444
Oregon	3	4	229	240	.429
Southern Division					
Southern California	4	2	165	146	.667
U. C. L. A.	3	2	162	141	.600
California	2	3	136	129	.400
Stanford	2	4	168	215	.333

The University of Washington, defending champion of the Northern Division and runner-up in the Pacific Coast Conference basketball race last year, maintains its lead over the State College of Washington in the Northern Division standing to date. The Huskies have won the division title for four straight seasons, but the competition this year promised to be the strongest in several campaigns. All quintets thus far have shown considerable strength, both on the offense and defense.

The Washington five has won two consecutive victories over Washington State in their last meeting at Seattle, taking the first contest 32 to 29 and the second more easily, 35 to 19. The Huskies will again engage the Staters in a two-game series at Pullman, Monday and Tuesday. Before that, however, Washington is scheduled to meet the University of Idaho at Moscow Friday and Saturday. At that time the leaders will have a fine chance to strengthen their hold at the top of the division.

Idaho Has Chance

Meanwhile, if Idaho can leave the court victorious in both games of this next series, they will take undisputed hold of the lead. This would force the Huskies back into second place, in a tie with Washington State.

Oregon State Agricultural College and University of Oregon, holders of fourth and fifth place respectively, will engage in a series soon. The first meeting will take place on Friday at Corvallis and the second at Eugene on the following night. Oregon State has shown considerable strength on the offensive but has also shown a decided weakness on the defensive. Two hundred and fifty-seven points have been scored by its players, while 282 points have been totaled by opponents. These marks top league figures in each case.

The strongest defense appears to be possessed by Idaho, as they have scored only 198 goals in winning three games and losing three, while having only 195 scored against them.

The Southern Division race is not quite as close as the Northern, although the leadership may change hands at most any time. University of Southern California tops all four quintets with four victories and two defeats. Close behind them is the University of California at Los Angeles, with three wins and the same number of losses. The University of California which is in third place, has a fine chance to jump up into a tie for second place as the U. C. L. A. on Friday at Los Angeles. The Bears possess the strongest defense with only 129 points shot against them.

Stanford vs. Trojans

Stanford University seems destined to remain in last place, for a while at least. The Cardinal displayed brilliant form, however, in defeating the Trojans several weeks back and have an excellent chance of repeating this victory when the two fives meet at Stanford on Saturday.

C. C. Holsten '32 of Washington State leads the Northerners with 29 floor goals and 16 fouls tries, for a total of 74 points. Close behind the Washington State star is H. B. Stowell '31 of Idaho, with a total of 71 points, established while shooting 31 goals from the floor and 9 tries from foul. M. A. Grayson '31, Oregon State, is leading H. E. Swanson '31 of Washington for third position by one point with 69.

The Southern Division leadership is held by L. A. Wilde '30 of U. C. L. A., with his teammate, C. S. Knowles '31, close behind. The former has totaled 52 points, while the latter is one point in the rear. J. H. Gardner '32, Southern California star, takes up the race just behind Knowles, with 49 points. The first 10 scorers in each division follow:

Northern Division

Player	Team	Goals Flr	Goals Fl	Pts
C. C. Holsten '32	Wash. State	29	16	74
H. B. Stowell '31	Idaho	31	9	71
M. A. Grayson '31	Oregon St.	31	7	69
H. E. Swanson '31	Wash.	12	68	
H. W. McCarty '31	Wash.	25	17	67
A. McLarney '32	Wash. St.	27	11	65
W. H. Keenan '32	Oregon	25	15	65
C. E. Endslow '30	Wash. St.	23	8	54
F. F. McMillan '30	Idaho	20	6	46
Henry Levoff '32	Oregon	18	4	40

Southern Division

L. A. Wilde '30	U. C. L. A.	22	8	52
C. S. Knowles '31	U. C. L. A.	21	9	51
J. H. Gardner '32	So. Calif.	19	11	49
L. B. McCandless '30	Stanford	21	6	48
K. D. Pursel '30	Calif.	15	11	41
Wilson Tripp '30	Calif.	17	6	40
J. W. Lehners '30	So. Calif.	15	3	33
R. L. Von Hagen '31	U. C. L. A.	14	4	32
F. W. Smith '30	So Calif.	11	4	26
D. McL. Tyler '31	Stanford	9	6	24

COLLEGE BASKETBALL RESULTS

St. Michael's 25, Vermont 15.
Maryland 37, W. Maryland 18.
Princeton 33, Williams 26.
Fordham 35, John Hopkins 20.
Centenary 33, Mexico 29.
Warrensburgh Teach. 28, Kirksville Teach. 27.
Madison 27, Milton 16.
DeKalb Teach. 24, Armour Tech 23.
Hamline 40, Macalester 38.
Kearney S. T. 43, Norfolk State 31.
La Crosse Teach. 37, Stout 16.
Nebraska Wes. 31, Midland 30.
York 31, Nebraska Central 12.
Yankton 22, Dakota Wes. 20.
Columbia 31, Queens Visit. 22.
Shurtleff 46, Macomb Teach 25.
Augustana 31, St. Ambrose 25.
Iowa Wes. 38, Dubuque 14.

HAHN AND DUNWOODY WIN TITLE

DALLAS, Tex. (AP)—Charles Hahn and John A. Dunwoody Jr., New York State champion and both members of the Pastime A. C. of New York City, added the junior national doubles handball championship to their list on Thursday, by defeating J. W. Gherkin and Volney Knoblock of the New Orleans A. C. in the final at the Dallas A. C. courts. The victors won in straight games, 21—12, 21—20, but only after the hardest kind of a contest. It was Hahn's second national championship victory in two days, as he previously had won the singles title.

TURNESA AND STRAUB WIN

MIAMI, Fla.—The metropolitan New York team of Philip Turnesa, Elmsford, N. Y., and Arthur Straub, Forest Hills, L. I., won the 36-hole final in the professional team golf tournament over the municipal links at Hialeah Thursday, defeating the international combination of M. J. Brady, Mamaroneck, N. Y., and David Spittall, Toronto, Ont., by 1 up, the match terminating on the thirty-eighth green.

COLLEGE HOCKEY RESULT

Brown 11, Wesleyan 0.

COLLEGE SWIMMING RESULT

Lafayette 41, Frank. & Marshall 33

BY-PLAYS

Coasts May Share Honors

WHEN the United States pony polo four takes the field next fall in defense of the Westchester Cup, the famous trophy for which the United States and Great Britain have been competing ever since 1899, it looks very much as if the Atlantic and Pacific coasts would each furnish two players for the first time in the history of the sport. Heretofore the Atlantic section of the country has monopolized places on the "Big Four," but this year promises to be different.

Announcement has already been made that Thomas Hitchcock Jr. will captain the quartet, and this was only to be expected, as he is now the only "10-goal" player in the United States and is rated as one of the greatest players of all time. It now looks as if the only other eastern player who would make the team is Frederic W. C. Guest, the former Yale varsity captain and star, who is the only player listed at nine goals in the official handicap list.

The two western players who promise to make things very interesting for the other candidates will be Elmer J. Boeseke Jr. of the Santa Barbara Polo Club and Eric C. Pedley of the Midwick Country Club. Pedley has for some time been regarded as one of the best polo players in the United States, being handicapped at eight goals, but Boeseke has not been so seriously considered until now, and this is due to the fact that the United States Polo Association has moved his handicap from seven goals up to eight. W. A. Harriman and Earl W. Hopping are the two most likely rivals for the western stars, as they were on the team which played against the Argentina four in 1928; but Harriman has had his handicap cut from eight to seven goals, while Hopping is at seven.

Spring Must Be Near in West

College baseball players are getting the jump on the big leaguers as far as early practice is concerned. The diamond nine at Northwestern University began its daily workouts last week with a dozen pitchers and catchers in action under the direction of Coach Paul Stewart. They are playing indoors. Coach Stewart is working on a six-game schedule for a southern training trip to start April 12 and end April 22.

But Will It Help Hockey?

Detroit has two professional hockey teams owned by one management playing in the Detroit Olympia. One team operates in the National Hockey League—classed as a major league—and the other is in the minor class playing in the International Hockey League. The major-league team is not doing well and the minor-league team is. The minor-league club is heavily outdrawing the major-league club, and when weakened recently it was bolstered up considerably by players loaned it from the major-league team. It would seem that the supposed major-league team is of minor importance in present consideration and the minor-league team of major importance.

Not Overemphasized by Undergraduates

Football may be a popular sport at Harvard University; but that it is not the most popular with the upper class men would seem to be indicated by the fact that 306 of them played tennis last fall, whereas only 187 turned out for regular football. It is also interesting to note that "touch football" attracted 207 participants, 20 more than turned out for regular football.

PICK-UPS

THE San Francisco club of the Pacific Coast League has been angling for the services of John F. Kerr of the Chicago White Sox. The Sox asked waivers on him some time ago in an effort to send him to the Seals, but the Washington Senators refused to let him leave the league. If the Senators secured Kerr, they would no doubt send him to one of their minor-league "farms." San Francisco is willing that he stay with some major-league outfit, but if he is to be sent to the minors they want his services. During 1929 Kerr batted for only .258, which is a very poor average but glancing at his fielding mark explains why the Pacific Coast club could use him. The Seals have plenty of hitting strength and are now trying to fill the one weak spot in their infield, second base.

Robert M. Clarke, for the last three years an umpire in the International League, has been signed as a member of the National League's staff of officials. His home is in Washington, D. C.

A note of interest is pointed out in the fact that when L. A. Fonseca won the American League batting crown in 1929 he was only the fourth right-handed batter to carry off the title. The other players who did likewise are Napoleon Lajoie, Edward J. Delahanty and Harry A. Heilmann.

Owen J. Bush, manager of the Chicago White Sox, has made the statement that all players will be told to report at Comiskey Park each morning that the team is at home, and either hold a practice session or tal

LONDON MARKET TONE FIRM WITH TRADING QUIET

Rhodesians Are Active, However—Prospects Are for Tight Money

By Special Cable

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LONDON—The stock market is still under the influence of the reduction in the bank rate, and is mainly firm, but the attitude of caution is unrelaxed, and there has been no significant increase in the volume of dealings.

The gilt-edged group is about 1-16 below its best level, with India Government stocks off half a point on announcement of terms for the new short-term India loan, which consists of £6,000,000 bonds at 99, repayable at 100 in June, 1932, or at 101 in June, 1933, the field to redemption at the latter date, 6¾ per cent, being extremely high.

The reasons for this are entirely obscure and considerable criticism has been caused since the same amount in the form of yearling bills were successfully placed last December on a 5 5-16 per cent basis, and the market yield on existing India loans has been well under 6 per cent. The explanation in some quarters is the unsettled political situation in India, but this is inconceivable, in view of the recent assurance by the Secretary of State for India.

Rhodesians are active, the professionals who started the movement experimentally being surprised at the lengths to which it has gone. Charter is at 42s., but its technical position is not strong, and there is much stock about.

Oils continued harder on a hopeful view of the American conservation plan. Gaumont British is holding better.

Cables and Wireless Better

It is believed that the outstanding amount to be received on Fox shares sold through Ostrer Bros. and also the 1929 talkie business will be very remunerative, due to the company's control of numerous British theaters.

Cables and Wireless stock has recovered slightly, yesterday's support coming from the inside. Directors are considering issuing a circular at an early date, explaining the company's position regarding the Post Office matter and also the whole outlook for the beam radio system.

There is a good investment demand for Peninsular and Oriental at 49s. 6d. Rails are idle.

The joint statement of the Australian Prime Minister and the chairman of the Loan Council to the effect that obligations would be met with unfailing regularity was well received, but the market will be more relieved after Australia has completed refunding her heavy internal maturities falling due this year.

Money remains short, with day loans quoted around 4 per cent, but, despite prospects for a stringency next week and marked foreign purchases of bills, today's transactions were allotted on a 3⅞ per cent basis. Sterling exchange is improving at $4.86 9-16 against the dollar, and there are proportionate movements in exchange on Paris and on Amsterdam.

Expect Cut in Italian Rate

It is understood that there were many large open positions, which were contingent upon no change in our bank rate, closed last night.

A reduction in the Italian central bank discount rate is expected here, but no other early change in European rates is likely.

The news of the shipment to England of £7,000,000 of Australian gold caused little surprise in view of the effect of the wool price slump upon Australia's trade balance.

Markings on the official list yesterday were 5662, compared with 5331 Jan. 30. The Financial News index of British ordinary stocks was 87.0 per cent, compared with 87.9 per cent a week ago.

CHICAGO STOCKS

Sales		High	Low	Last—Feb 6	Feb 5
50	Acme Steel	97	97	97	98
150	Allied Motor	16	15¾	16	16
1000	Am C Pwr A	27	26¼	26½	26¼
300	Am Equities	17	17⅜	18	17½
100	Am Radio&T	1⅝	1⅝	1⅝	2
2600	Art Met Wks	24⅞	23½	24¾	23¾
125	Asso T&T	60	60	60	60
1750	As Tel Util	27¼	26½	26½	26¾
1950	Atlas Stores	24	23	23¼	24¼
50	Baxter Laun	11¾	11¼	11¾	11
100	Brown Fence	21½	21½	21½	21¾
1250	Burnham Tr	29⅞	28¾	29¼	29¾
850	Butler Bros	11¾	11¼	11¼	11½
350	Ceco Mfg	18	17½	18	18
250	Cent P S A	35¼	35	35½	35½
7250	Cent&SW Ut	26½	24½	25⅝	24½
26500	Chi Corp	15⅞	14⅝	15	14⅝
4600	Chi Corp pf	40⅞	40¼	40¾	40½
2350	Chicago Ity	8¼	7⅞	8¼	8
600	Common Ed	259¼	257	259	256½
350	Consumers	6	6	6	6
4750	Cont Chgo	68	66⅝	67	67⅞
2300	Cord Corp	13¼	13⅛	13	13¾
850	El House Ut	42⅞	41	42⅞	43
1150	Eleaner C H	25	24½	25	24⅝
250	Inland Util	24½	24¼	24¼	24⅝
8700	Insull Ut Inv	27½	26⅝	26¾	24⅝
1050	Ins Ut Inv 2d	93½	92	93	92
4800	Kalama Stov	63½	59¼	62½	60⅜
200	Kellogg Swit	5¼	5⅛	5¼	5¼
150	Keystone Stl	20	19½	19½	20
900	Libby McN'll	19	18½	18½	18¾
250	Lion Oil	21	20¾	21	21
400	Manh Drbrn	37	37	37	37
35300	Mid Utilities	31¼	29¾	30	29¾
100	Mid Ut pf	100¼	100¼	100¼	100
3200	Mo-Kan Pipe	22¼	21¾	22	22
1950	Morgan Lith	17½	15¼	17¼	16⅝
1000	Nat Ed Pw A	35¾	35	35	33⅞
1400	Nat Sec Inv	20⅞	20	20½	21
600	No Am Car	39¾	39	39¼	39½
267	Pac Pub S A	28⅝	28¾	28⅝	28¾
50	Polymet Mfg	10¼	10¼	10¼	10
2350	QRS DeVry	22	20¾	21	22
100	Rollins H pf	40¾	40¾	40¾	40¾
400	Ross Gear	35¼	34	35¼	34½
100	Sally Frocks	15	15	15	16
200	Sangamo El	36	35½	36	36
1150	Seab Ut Sh	8¾	7½	7¾	7¾
250	Stand Dredge	27	26	26½	26⅝
50	St Dge cv pf	28½	28¼	28½	28⅝
400	Steinite Rad	14½	14¼	14¾	14½
250	Swift & Co	133¾	133	133	133½
150	Swift Int'l	32	32⅞	33	33½
350	Un C Am pf	14½	14	14½	14
850	U S Gypsum	48⅜	47¼	47½	48⅜
100	U S Radio	8⅝	8⅝	8⅝	8⅝
50	Utah Radio	5	5	5	5⅛
4150	Util & Ind	20¾	19½	19½	19⅝
600	Ut & Ind pf	27⅝	27	27	27
250	Vortex Mfg	25¼	25	25¼	25½
100	Vortex Mf A	29⅝	29¾	29⅝	29⅝
100	Wahl Co	6½	6⅜	6½	6
100	Winton Eng	47½	47½	47½	47¾

Stock sales today, 357,400.

CELOTEX CO. INCOME UP

Net income of Celotex Co. for the year ended Oct. 31 is equal, after preferred dividends, to $6.14 a share on the 181,403 average no-par shares of common outstanding during the year and to $5.42 a share on the 205,194 shares outstanding at the end of the year, compared with $6.55 a share on 154,635 common shares in the previous year.

LONDON QUOTATIONS

LONDON (AP)—Consols for money today were 54⅛. De Beers was 9⅞; Rand Mines 3⅛. Bar silver was 20 1-d an ounce. Money was 3½ per cent. Discount rates on short bills were 3 11-16 per cent, three months 3¾ per cent.

BANK CLEARINGS DECREASE

NEW YORK (AP)—Bradstreets weekly compilation of bank clearings shows an aggregate of $14,620,288,000, a decrease of 23.2 per cent from last year. Outside of New York there was a decrease of 13.0 per cent.

CANADIAN PACIFIC SPLIT-UP

MONTREAL, Que. (AP)—E. W. Beatty, president of the Canadian Pacific Railroad, today announced that the common stock of the company would be split four for one.

NEW YORK CURB MARKET

By the Associated Press

INDUSTRIALS

Sales (in hundreds)		High	Low	1:00
25	Aeolian Co pf	34½	34½	34½
1	Aero Sup B	8¼	8¼	8¼
2	Aero Underwriters	15½	15½	15½
2	Ainsworth Mfg	25½	25	25
5	Air Invest vtc	3⅞	3⅞	3⅞
3	All Amer Gen	2⅞	2⅞	2⅞
14	Allegheny Gas	17	17	17
2	Allied Mills	7⅜	7	7⅜
2	Allied Int Inv	14	14	14
35	Allied Pow & Lt	6½	6¼	6½
2	Allied Po & Lt pf	47⅜	46¾	47⅜
2	Allied P&L 1st pf	49	48½	49
3	Aluminum Co Am	312½	304½	312½
4	Am Cities P&L A	42¾	42⅜	42½
9	Am Cit P&L B	204	200	202
3	Am C Fo A	20	20	20
1	Am Com Po opt w	26⅞	26¾	26¾
3	Am Cont Oilfields	4⅞	4⅞	4⅞
14	Am Cyan B	43½	43	43
4	Am Dept Stores	28	27⅝	28
2	Am Equities	5⅞	5⅝	5⅝
12	Am&Fgn Pow war	17¾	17¾	17¾
3	Am Gas&El	72	71	72
6	Am Invest B	132⅜	131½	132
†125	Am Light&Trac	274	269½	274
14	Am Maracaibo	3¼	3	3⅛
2	Am Nat Gas	23½	23	23½
1	AmSolv&Cons pf	10⅝	10	10
67	Am Superpower	28⅜	28	28
4	do 1pf	29¼	28½	29¼
1	do pf	97	97	97
1	Am Thread pf	92	92	92
11	Anglo Am vot cod	3⅜	3⅜	3⅜
1	AnglochilConNitra	16⅞	16⅞	16⅞
5	Arizona Globe	19½	19½	19½
42	Arkansas Nat Gas 1A	⅛	⅛	⅛
105	do A	12⅝	12⅜	13¼
4	Art Met Wks	13⅜	13⅜	13⅜
11	Asso El Ind Ltd	24½	24½	24½
23	Asso Gas&El A	6¼	6¼	6¼
1	do deb rts	46¾	46¾	46¾
2	Assoc Laun	9⅝	9⅝	9⅝
1	Atl Cst Fish	2¾	2¾	2¾
3	Atl Secur Corp	23¾	23¾	23¾
1	Atlas Stores Corp	19½	19½	19½
3	Autom Mus Inst A	24¼	24¼	24¼
2	Aviation Credit	15	15	15
†50	Bell Tel Can	155	155	156
1	Blaw Knox	34	34	34
14	Blue Ridge	9¾	9¾	9¾
8	Blue R cvt pf	39⅞	38⅞	39⅝
2	Blumenthal	33½	33	33½
2	Bourjois Inc	7⅜	7⅜	7⅜
1	Brazil Trac	2⅜	2⅜	2⅜
2	Brill A	38	36	38
1	British Celanese	14⅞	14⅞	14⅞
1	Brown Fence A	3½	3½	3½
1	Buff Niag&EPw pf	21½	21½	21½
2	Burco cv pf	26¼	26¼	26¼
		40	40	40
9	Cable & Wire B	1⅝	1⅝	1⅝
1	C A M Co vtc	2	2	2
1	C A M Co pf	2	2	2
2	Can Marc Wireless	3⅜	3⅜	3⅜
2	Carnegie Metals	5⅝	5⅝	5⅝
1	Celanese pf new	84	84	84
2	Central Atl States	6¼	6¼	6¼
4	Cent P Ser A	25½	25½	25½
15	Cen States Elec	25⅝	24½	24⅝
3	Chain Store Stock	15	14⅜	14⅜
10	Ches & Ohio n	58¼	57⅜	57⅝
1	Cohn & Rosenbgr	32¼	32	32⅜
9	Colon Oil	2¾	2¾	2¾
1	Columbia Picture	27	27	27
†40	Comwith Edison	265	259	265
7	Comwith Pow pf	99¼	98¾	99¼
127	Comwith & S war	5⅜	5	5
16	Comwith & S 6%pf	98½	98	98½
1	Comstock Tunnel	3⅜	3⅜	3⅜
6	Cons Cop Min	7⅞	7⅞	7⅞
2	Cons G&El Balt	104	104	104
1	Cons G&ElB rts wi	3⅞	3⅞	3⅞
1	Cons Gas Util A	29¼	29¼	29¼
7	Cons Instrument	4⅞	4⅝	4⅝
2	Cons Laundries	12⅞	12⅞	12⅞
2	Coon (WB)	24⅞	24⅞	24⅞
1	Cord Corp	12⅝	12⅜	12⅝
1	Cosden Oil	12⅝	12⅜	12⅝

Sales (in hundreds)		High	Low	1:00
1	New York Auction	7⅞	7⅞	7⅞
2	New York Invstrs	27½	27½	27½
3	NY Per Roy	13⅜	13⅜	13⅜
†25	NY Tel 6½% pf	114¾	114¾	114¾
66	Niagara Hud Pr	15	14⅝	15
8	Niagara H P A w	4¼	4¼	4¼
6	Noranda Mines	43⅝	41⅞	43⅝
7	North Am Aviaton	6¼	6	6
1	North Am Cement	3⅜	3⅜	3⅜
1	North Am Util Sec	8	8	8
1	Northwest Eng	27⅜	27⅜	27⅜
1	Novadel Agene	39	39	39
3	Ohio Cop	1¾	1¾	1¾
1	Ohio Oil	70¾	70	70¾
1	Outboard Mot A	14¼	14¼	14¼
2	Outboard Mot B	6¾	6¾	6¾
21	Otis Elev new	80	79¼	79¾
2	Pac G&E 1st pf	26⅝	26¾	26¾
13	Pandem Oil	1⅜	1⅜	1⅜
5	Paramount Cab	13⅞	13⅞	13⅞
1	Patterson Sargent	26	26	26
328	Penroad Corp	15⅛	15	15⅛
2	Penn Ohio Edis	66½	66½	66½
1	Penn Oho Ed ppf	115⅝	114¾	115⅝
1	Penn O Ed 6% pf	98¼	98¼	98¼
†30	Pepperell Mfg	101	101	101
5	Petroleum Corp	22½	22¾	22½
7	Pilot Radio A	12⅞	12⅝	12⅝
3	Pitney Bowes n	14¼	14¼	14¼
2	Pow Sec Corp	32	30	30
4	Pressed Metals	24¾	23½	24⅜
3	Prince & Whitely	8⅝	8⅝	8⅝
5	Prince & Wh pf	36⅛	36	36
1	Prudential Invest	17¼	17⅛	17¼
13	Pub Util Pow pf	21⅞	21½	21½
2	Ry & Lgt Sec	72	73	72
2	Rainbow L Prod B	4¼	4¼	4¼
2	Reiter Foster	24⅝	24⅝	24⅝
2	Republic Stl Corp	73	73	73
1	Repub Stl Corp pf	92½	92½	92½
9	Reynolds Metal	28⅝	28	28¼
3	RoanAnt Corp	30	30	30
1	St Law Pap Mills	10¾	10¾	10¾
3	St Regis Paper	23½	22⅞	23
3	Salt-Crk Cons	2	2	2
1	Salt-Crk Prod	10⅝	10⅝	10⅝
1	Seeman Bros	40	40	40
3	Seiberling R	15⅜	15	15
11	Selected Indus	10¼	10	10
1	Selected Ind pf	74½	74½	74½
32	Sentry Saf Cont	7⅞	7⅞	7⅞
10	Shattuck Denn	8	7¾	7¾
5	Shenandoah	11	10¾	11
15	Shenandoah pf	40	39¾	40
17	Sonora Products	25¾	25⅝	25⅝
2	So'east P&Lt pf 7	114	113¾	114
13	So'east P&L pf pf 5	98¼	97¾	98¼
1	Southern Corp	6⅝	6½	6½
4	Southland Roy	10¼	10	10¼
3	Southwest Gas Util	34¾	34¾	34¾
5	St Oil Ind (2¼)	13¼	13¼	13¼
1	Stand O Ky (1.60)	34⅞	52⅝	53
2	Stand Pow & Lt	71	70	71
12	Stand Pow&L pf	100¼	100¼	100¼
†50	Stand Pow&L pf	100¼	100¼	100¼
2	Starrett Corp	21⅝	20⅞	21⅜
2	Starrett Corp pf	37¾	37	37¼
8	Stutz Mot Car Am	25	25	25
2	Swift Int	32⅝	32⅛	32⅛
1	Syra Wash Mch B	8½	8½	8½
2	Tampa El	73⅞	72¼	72¼
2	Teck Hugh Gold	6¾	6¾	6¾
13	Thermoid Co	24	23¾	23¾
2	Third Nat Invest	36½	36½	36½
4	Thomp Prod A	31½	29	29
55	Transamer Corp	47⅜	47⅛	47⅛
110	Transam C Mtrs	.06	.04	.05
2	Transcont Air Tr	6	6	6
1	Transcont Oil n	17⅜	17⅜	17⅜
9	Trans Lux D P A	7	6¾	7
9	Tri Cont Corp	16¾	16¼	16¼
2	Tri Cont Corp pf	82⅝	82	82⅝
26	Tri Cont C war	6⅞	6⅝	6⅝
2	Tri Utilities	46	45¾	45
†20	Tubize Art Silk B	142⅛	138	142½
1	Ungerleider Fin C	34	34	34
1	Union Am Invest	34	34	34
8	Union Nat Gas C	30¼	30	30
4	United Chemical	30	24¾	25¼
2	United C ptc pf	42	42	42
3	United Corp war	36⅝	35⅞	35⅞
4	Unit Elec Serv rts	20¾	20¾	20¾
24	United Gas	30¼	29⅝	30
541	Un Lt & Pw A	39	37	38⅜
1	Un Lt & P conv pf	104¾	104¾	104¾
7	US & Int Stck 2pf	66⅝	66	66⅝
1	Un Ret Ch pf	8	8	8
25	US Dairy Prod B	18⅞	17⅞	18¼
2	US El Pow Corp	18⅝	18¼	18⅝
5	US Foil B	24	23½	24
2	US Gypsum	48	48	48
2	US Lines pf	15	15	15
2	United Verde Ex	11⅜	11⅜	11⅜
13	Util Equities	15⅝	15⅝	15⅝
24	Util P&L	19⅝	19⅜	19⅝
7	Utility & Ind	20¼	19¾	20¼
1	Util & Ind pf	26⅝	26⅝	26⅝
1	Vacuum Oil	94¼	94¼	94¼
4	Venezuelan Pet	3⅛	3	3⅛
2	Walker Mines	4¾	4¾	4¾
2	Wenden Cop Min	4½	4½	4½
1	West Air Ex	33⅓	33⅓	33⅓

(DOMESTIC BONDS)
(Sales in $1000)

2	Ala Pow 4½s '67	94¼	94¼	94¼
13	Alum Co 5s '52	102¼	102⅛	102¼
1	Am Aggre 6s'43ww	84	84	84
6	AmCwithPw 6s'49	106	105½	105½
55	Am G&E 5s '28	95	95	95
8	Am P&L 6s 2016	105¾	105¾	105¾
14	Am Roll M 5s '48	98⅛	98	98
9	Am Seat 6s '36	78⅜	78	78½
3	AppalachPow 5s'56	97	96¾	97
1	Asso G&E 4½s'77	100⅞	100⅞	100⅞
6	do 5s '65	80¾	80¾	80¾
13	AssoTelUtil 5½'44	102	101½	102
211	Balt & O 4½s '60	102⅝	102⅜	102⅝
1	BellTelCan 5s'57	100⅛	100	100⅛
51	Can Pac Ry 5s '54	100⅛	100	100⅛
15	Carolina P&L 5s'56	99⅝	99½	99½
27	CentStEl 5½s'54	77¾	77½	78¼
15	do 5s '48	77½	77½	77½
10	CentSt P&L 5½'53	90	90	90
5	ClnStCar 5½s'52	95	95	95
2	Cities Ser 6s '66	83	83	83
10	CitSvcGas 5½s	84¼	84¼	84¼
1	Slev E Ill 5 A '54	102¼	102¼	102¼
1	Clev E Illum 7 '41	107	107	107
6	Cont G&El 5 A '58	86	86	86
6	Denv&S Yake 6 '60	84½	84½	84½
3	Det C Gas 5½ A '47	105	105	105
11	Det C Gas 5 B '50	99	98½	98½
1	Det Int Br 7 '52	90	90	90
4	Det Int Br 6½ '52	77	77	77
10	Dix G G 6½s'47ww	77	77	77
10	Ed Elec Ill 5 '33	100¾	100⅝	100¼
1	Emp O&R 5½ '42	93½	92½	92½
2	Fairbnks Morse 5 '42	94	94	94
11	Firest Con M 5 '48	90	90	90
6	Firestone Tire 5 '42	93	92¾	93
5	Fla P&Lt 5 '54	86⅝	86⅝	86⅝
24	Gatineau P 5 '56	86	85½	86½
1	Gatineau P 6 '41	91¾	91¾	91¾
2	Gen Rayon 6 A '48	70	70	70
10	Gen Thea Eq 6 '44	128⅜	128¼	128⅜
6	Georg Pow 5 '67	97½	97½	97½
1	Gulf Oil Pa 5 '47	97½	97½	97½
2	Gulf Oil Pa 5 '37	100¾	100¾	100¾
14	Hood Rub 5½s'36	80¾	80¼	80¾
9	HygrdFood 6s'49	63¾	63¼	63¾
1	IllPow&L 5½s'54	93¾	93¾	93¾
2	Inden Oil 6s'50	99¼	99¼	99¼
1	Indian Pow&L 5s'57	100¾	100¾	100¾
1	Indian Pow&L 5s'57	100¾	100¾	100¾
1	Indian Pow&L 5s'57	100¾	100¾	100¾
1	HoustnGGas6sA'43	81	81	81
3	Frankfort 6½s 53	90½	90½	90½
47	Gelsenkirchn 6s	94	93½	93½
1	Ger Cons Mu 7s '47	97½	97½	97½
4	Ger Cons M 6s 47	83½	83½	83½
3	Hanover City 7s 39	96¾	96¾	96¾

INVESTMENT TRUSTS

STOCKS

	Bid	Asked
Am Capital Corp B	1	9
Am & Gen Sec 6% pf	40	44
Am & Gen Sec A	32	36
Am & Gen Sec B	12	16
Am Founders Corp	27	31
Am Founders 6% 1pf	43	47
Am Founders Corp conv pf	48	52
Am Insuranstocks units	15	15
Amer & Cont Corp	14½	17
Am London & Emp	19½	21
Am London & Emp pf	16	20
Am Railway Trust	26	30
Assoc Std Oil Stocks A	16½	17½
Atlantic Sec pf	11¾	12¾
Atlantic Sec warrants	41	43
Basic Industrial Shares	1¾	4
British Type Inv	8⅝	9½
Capital Management	13⅜	14⅝
Century Shares	33	36
Chain Store Inv Corp	50	52
Chain Store Inv Corp pf	4	8
Chain & Gen Equip Inc	90	110
Chain & Gen Equip 6½% c pf	77	86
Chartered Investors	29	76
Chartered Investors pf		76
Chem Nat Associates	21¼	22¼
Chicago Corp	18	18
Colonial Invest Corp	24¾	25⅝
Combined Trust Shares	9	12
Community Shares A	9	..
Community Shares B	8	14
Continental Securities	50	54
Cont Metropolitan	8	14
Corporate Capital units	18½	20½
Corporate Trust	9	9¾
Crum & Forster Ins B	67	70
Crum & Forster Ins 7% pf	97	99
Crum & Forster B	69	74
Crum & Forster 8% pf	102	105
Depos Ry Shares B	10⅞	12¼
Diversified Trust Shares	23¼	23¾
Diversified Trust Shares B	20¾	21½
Diversified Trust Shares C	8¾	9¼
Dom & Overseas Inc	3	5
Equitable Invest units	19	24
Equity Investors	27	30
Fixed Trust Shares A	18¼	..
Gibraltar Fin units	10	..
Gen Equity Corp A	32	36
Gibraltar Fin Units	28	30
Greenway Corp	54	..
Greenway Corp pf	54	..
Greenway Corp pf ex-war	3	5
Greenway Corp warrants	6	9
Guardian Inv (Conn)	19	24
Guardian Inv conv pf	24	28
Guardian Inv pf ww	24	28
Grdn Pub Util inv ww	24	28
Guardian Rail Shares pf	24	28
Gude Winmill Trad C	24	28
Hudson-Star Val units	60	65
Insull Inv	14	16
Insuranshares Ctf Inc	66¾	69¼
Incorporated Investors	55½	58
Invest Trust of N Y	37	42
Invest Fund of N J	11¾	11¾
Inv Tr N A A	21⅝	23
Inv Tr N A A units	28½	30½
Int Sec C Am 6½% pf	85	91
Int Sec C Am 6% cum pf	80	88
Int Sec C Am B	57	62
Invest Trustee Shares	20	22
Invest Trust A	17⅛	19½
Invest Trust B	18⅝	19⅝
Jackson & Curtis Sec 6% pf	100	102
Jackson & Curtis Sec Assoc	52	54
Joint Investors A	33	..
Joint Investors conv pf	100	..
Leaders of Industry A	11¼	12
Manh Dearb	37	41
Mass Invest	46	49
Mohawk Invest	10	11
Mutual Invest A	66	69
Nat Bond & Share	11¼	12
Nat Rep	44	46
North Am Tr Sh	50¾	54½
No & So Am B	95	98
Power & Light Secur	3	6
Pub Util Hold Corp	59	62
Pub Util Hold war	22	26
Research Investment	6	..
Seconfed Int Sec A	30	34
Second Int Sec 6% pf	42	46
Second Int Sec B	40	46
Secur Corp Gen	19	24
Secur Corp Gen 7% pf	410	430
Shares-in-South	95	100
Southern Bankers Secur	35	37
Spencer Trask Fund	25	35
Stand Collat Trust	38	40
Std Inv 5½% pf ww	13⅝	14⅞
Std Oil Trust Shares	79	..
Syndicate Shares	10¼	11⅜
Trustee Std Oil Shares	13¼	14⅞
Uni Founders Corp	11	11¾
United Capital A un	42⅝	45⅝
United Capital B	30	..
U S Brit Int B	40	..
U S Brit Int A	13	17
U S Brit Int $3 pf	32	36
U S El Pow	40	44
U S El Pow war	18¾	22¾
U S Elec Lt & Power A	7	..
U S Shares A	39½	42½
U S Shares A 1	39	..
U S Shares C 1	13⅜	15¼
U S Shares C 2	38	..
U S Canadian	29¼	..
U S Canadian Banks	21⅝	24½
U S Shares F	16⅝	..
U S Shares H	16⅝	18½
Virginia Investors	12	13½
	16	17½

BONDS

Std Inv 5s '37 ex war	81½	..

COMMODITY PRICES

Special from Monitor Bureau

NEW YORK—Following are commodity prices quoted on the floor of the New York Produce Exchange, and comparisons with last week and a year ago:

	Feb. 7	Week Ago	Year Ago
Wheat, 2 red	$1.37	$1.33⅝	$1.64¾
Corn, 2 yellow	1.05	1.02¼	1.15⅞
Oats, 2 white	.58	.63	.63
Flour	6.35	6.25	6.60
Beef, family	28.00	28.00	30.00
Pork	28.50	28.50	30.50
Lard	.1160	.1115	.1220
Cotton, mid-up	.1575	.1625	.2000
Zinc	.0525	.0525	.0635
Iron	22.26	22.26	20.25
Steel, bil Pitt	34.00	34.00	33.00
Copper	.1800	.1800	.1700
Rubber	.3912½	.3937½	.4950
Sugar	.1556½	.1558½	.2200
Lead	.0505	.0520	.0510
Print cloth	.0625	.0625	.0665

Sales		High	Low	1:00
54	It Sup P 6s A	63xw	77½	76¾	77
1	Lma C Perul	4½s	85	75½	75¼	75¾
6	Parana Braz 7s	58	72	72	72
1	Potrero S 7s	47 xw	77	72	77
1	Prus FS 6s	52	86¾	86¾	86½
10	Ruhr G Cp 6½s	A53	83¼	83

MASSACHUSETTS

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Feb. 7th to 21st, 1930

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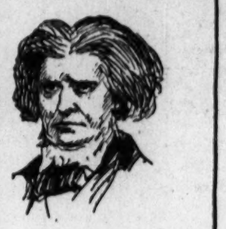

Who: JOHN C. CALHOUN

Where: The United States.

When: Eighteenth to nineteenth centuries.

Why famous: An American statesman. By birth a South Carolinian, he was graduated with honors from the northern college of Yale and shortly afterward was admitted to the bar of his native state. With his entrance to the State Legislature (an experience which was brief because it led so soon to a seat in the National Congress) began a public career which lasted 40 years. During that period Calhoun was consistently an active and a challenging figure in Washington, whether Congressman or Cabinet member. He was numbered among those young Congressmen whose agitations helped to bring about the War of 1812—"War Hawks," their contemporaries called them. Later President Monroe made Calhoun his Secretary of War, and Calhoun was twice Vice-President, —under John Quincy Adams and under Andrew Jackson. Then, in 1828, arose the issue of a protective tariff which came to be known as "The Tariff of Abominations."

This tariff, bearing heavily upon the agriculturists of the South, for a time threatened to disrupt the Union; but President Jackson's decisive stand was precisely the influence needed to save the dangerous situation. Calhoun, a states' rights man, had issued in his own State a document, known as "The South Carolina Exposition," in which he expounded the theory of nullification: that the Constitution was merely an agreement between states, that each state might decide for itself the constitutionality of any federal law and might order its citizens to disobey a federal law if it saw fit. During the heat of the strife, Calhoun, because of differences with President Jackson, resigned the Vice-Presidency, and returned to the Senate; where in 1833 his "Resolutions," declaring these United States to be a compact of sovereign states, brought forth Daniel Webster's famous reply which denounced that theory and affirmed the Union to be a union of the people.

Into the quarrel over slavery Calhoun entered with his customary vehemence, into the vexed question of the National Bank and into all important questions of the day. Sometimes he seems to us to have been right, sometimes wrong; but no one has ever doubted his abilities, his charm of personality, his integrity, his sincerity of purpose.

A Word a Day

Curriculum

This word was incorporated into English directly from the Latin *curriculum*, "a place for running," from *currere*, "to run."

While we use the word to indicate "a course, a specified fixed course of study," as in a college, it is well that students keep before them the original significance of the word. If they do this, they will regard their course as a race course which they are traversing in competition with others; and, to carry the analogy further, it is necessary to keep in training, to develop courage, stamina, and a sense of honor.

Cur-ric'-u-lum is accented on the second syllable, and is pronounced as though spelled ku-rik'-u-lum, in which the first and third *u* is as in *circus*, *i* as in *it*, second *u* as in *unite*.

"They selected a curriculum which would provide a cultural background."

Note: Webster's first choice is accepted as authority for pronunciation.—Ed

The Monitor Reader

These Questions Are Based on Material Appearing in Today's Issue.

What are some of the birds of South Africa? — *Home Forum Page*	20
What was accomplished by merging the leading national arbitration organizations of the United States in 1926?—*News Section*	20
In what ways is Soviet Russia following in the steps of Tsar Peter the Great? — *Editorial Page*	20
How has the United States helped in the rehabilitation of Europe in addition to lending money?—*Editorial Page*	20
What is the proper treatment for leather upholstered furniture?—*Household Arts and Crafts Page*	20
	—

Grade Yourself
What Is Your Percentage?

Odds and Ends

British Trainmen's Pay

The annual wages of British railway employees have increased from about $230,000,000 in 1913 to $600,000,000.

Durable Durium

Phonograph records made from a new material called durium are said to be unbreakable and impervious to scratching.

A Quotation for Today

HE IS truly rich who desires nothing, and he is truly poor who coverts all.—SOLON

The Children's Corner

Arlene's Valentine

ARLENE'S wide blue eyes were very grave as she counted the pennies she had taken out of her little bank. She counted them over four times, but no amount of counting would make them number more than eleven—and two big tears began to gather in Arlene's eyes.

It was just then Aunt Marie came in the door, Aunt Marie, who was going to college and had the loveliest ideas. Arlene made a hasty dash for her handkerchief, but not before Aunt Marie had seen.

"And what's bothering my little girl now?" she asked as she kissed the round cheek. "Not crying because tomorrow's Valentine's Day?" she teased.

But to her surprise Arlene nodded. "Well, not just 'cause it's Valentine's Day," she amended. "But—but—I did so want to buy one of those valentines, and—"

"See! I Have It All!" Exclaimed Arlene.

"And all this money!" Aunt Marie laughed.

"It's just 11 cents and—"

"Eleven cents. Why, that should be more than enough for any little girl."

"Oh—but it—this one costs 25 cents and I did want to give it to Nadine, but—"

"How does it look?" Aunt Marie wanted to know.

So Arlene told her—all bright red hearts, and frilly paper cutouts. When she had finished Aunt Marie nodded.

"But I know one that is nicer still, the very nicest one I can think of for a little girl, for it's a valentine that rings."

"Rings?" Arlene looked up eagerly. "But 11 cents."

"We can get it for 11 cents. We shall need some paste and crayons—"

"Oh, Aunt Marie—make it!" Arlene clapped her hands. "Oh, can we do it right now?"

Aunt Marie nodded. "Just as soon as I take off my wraps and write out a list of the things we shall need. Let's see—you have paste and scissors and crayons. So we'll want

1 sheet bright red paper.....1c
1 sheet light yellow paper....1c
1 tiny bell 5c
½ yard narrow red ribbon....3c

Just 10 cents. Now suppose you run down to the store and buy this with your pennies."

Arlene hurried into cap and coat, and was soon running down the snowy street, and in just a few minutes she was back.

"See, I have it all!" she exclaimed, and Aunt Marie smiled at the bright eyes and glowing cheeks. "And now—oh, can we begin?"

Aunt Marie had cut a pattern for a bell about five inches long and 3½ inches wide.

"You may trace two of these on the light yellow paper," she said. "Then one from cardboard," and Arlene did so quickly.

"You are ready to paste now," Aunt Marie said next. "Paste one yellow bell on each side of the cardboard bell. Yes, that's right. See, now you have a firm yellow bell."

Arlene laughed happily. "Oh, isn't it pretty. But you said it would ring."

"And so it will." Aunt Marie smiled. "Next you may cut tiny red hearts from this red sheet, and paste them on both sides as you wish. Around the edge color a narrow red border with your crayola. And print in red: 'I Bring Valentine Greetings.'"

"It's ready." Arlene exclaimed a few moments later.

"Now," said Aunt Marie, "we will cut a hole in the top of the bell. Slip one end of your red ribbon through there, then through the handle of the tiny bell. Now we will tie a large bow at the top. See, the bow hides the little bell. Now ring your large paper bell."

Arlene did so, and a little silvery tinkle sounded.

"Oh, won't Nadine be surprised!" Arlene laughed delightedly. "I can hardly wait till tomorrow to take it over." Then with an impulsive hug, "And oh, Aunt Marie, thank you so much for showing me how to make it. It's so much prettier than the one in the store. Why, it's the loveliest valentine I ever saw!"

Poles Puzzle

The Poles in the Picture Cover the First and Last Letters of Nine Words. Can You Add These Letters to Make Five-Letter Words, So That Reading Down on Each Pole You Will Also Spell Words Which Have Something in Common With the Poles?

Key to Puzzle

Answer to Double Letters Puzzle: On a cool breezy morning Jennie stepped to the door. As she stood there, looking out at the green grass, the sweet smell of budding trees wafted in. Bees hummed as they gathered honey from the blooms.

"I Record only the Sunny Hours"

Their Protector

Highland Park, Ill.

TWO small kittens had been found on a public highway by some children, who decided to take them to their summer cottage and care for them. Then someone suggested that the six-months-old dog might harm them. However, all agreed that the kittens could not be left on the road with no food or care, so they were taken home.

The children showed them to the dog, and talked to him about them, petting him and the kittens all the time, and trying to make him understand that they were to be a part of the family. The dog seemed puzzled.

That evening the dog was heard barking furiously. Thinking he was annoying a passer-by, the one member of the family who was at home, being unable to quiet him by calling, went outside. What met her eyes was the dog standing in the road, looking first to the right and then to the left in a most troubled way, and trying at the same time by barking to make the kittens leave the busy road where they were playing in the dust.

All summer the dog seemed to feel that he was responsible for the kittens. He finally solved some of his problems by picking them up in his mouth and carrying them to safety whenever he considered that they were in danger.

The Horse Golden Rule

COMMANDER A. F. of London writes the Sundial about a couple of genuine pals hitched to a van which had been stopped in a traffic jam. Just ahead was a lorry with loose hay packing material within reach of the off-side animal. Passers-by were amused as they watched him enjoy a midday snack, while they sympathized with the companion which was unable to join in the repast. Great was their surprise and delight when the off-side horse pulled out an extra large portion of the hay and turned so that his "buddy" could reach it.

A News Item

AN ITEM prepared for her news-writing class by Miss E. C., Pasadena junior high school student, has been forwarded to the Sundial. It relates a street corner conversation—and its results. "How much did you make today?" "Fifteen cents," replied the diminutive newsboy. "What do you do with it?" "I give it to my mother, and when there is enough she's going to buy me a new sweater," was the eager answer. A man happened to overhear the remark and, gathering up the ragged little fellow, took him into a store and had him outfitted with a wool-lined leather coat with a cap to match!

In Lighter Vein

Assisting Him

"My wife looks well after me. I assure you that she takes off my boots for me in the evening."

"What! When you come from the club?"

"No, when I want to go there."—*Leeds Mercury.*

Tsch! Tsch!

He: "There were numberless cars on the road today."

She: "Why, I should think their drivers would have been arrested."—*Chicago Daily News.*

Passing Show

Proprietor: "Monsieur will have snails? We are famous for them."

Diner: "I know, one served me here yesterday."

No Stock

It was in a little town close to a Michigan summer resort. Two men passed an elderly woman selling balloons from a stand. One man decided what was needed to make his day brighter was balloons. So he purchased not one balloon, or two balloons, or a dozen balloons, but all the balloons the woman had. He paid her at least twice the amount she would have realized had she sold them singly. Despite this, and that she could take a half-holiday from her corner, the woman looked rueful.

"Now, what's the matter?" he asked.

"You didn't leave me anything to do business with," she complained.—*Chicago Daily News.*

Boon to Motorist

"How did Jinks make all his millions?"

"Oh, by inventing a road map that doesn't have to be folded."

Brevities

London Humorist: The words of a popular song have been translated into seven different languages. That means, of course, that it will soon become a very unpopular song in seven different languages.

Omaha World-Herald: A chorus of alarm clocks in the United States preceded the opening of the naval conference in London.

Indianapolis News: The man whose grandfather went into felt boots Oct. 1 now wears low shoes and silk socks all winter.

The Diary of Snubs, Our Dog

"Maybe the Boss can fix it", I said to myself as I sat looking at the little dab of rubber that was the Boss's big red balloon before it made the loud BANG.
But the moment he saw it he said, "Oh, shucks! It's busted!" and after looking at it a while, he tossed it back to me.
"That being the case" I said to myself, "I'll just see how much fun I can have pulling it apart."
But wow! Every piece I tore off seemed to want to fly back and bang me on the nose.
And I lost interest in it in a hurry and decided to put it away until I could think of a better way to play with it.

THE CHRISTIAN SCIENCE MONITOR

BOSTON, FRIDAY, FEBRUARY 7, 1930 — *"First the blade, then the ear, then the full grain in the ear"* — PUBLISHED BY THE CHRISTIAN SCIENCE PUBLISHING SOCIETY

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EDITORIALS

Ten Years of Business

OGDEN L. MILLS, Undersecretary of the Treasury, reviewed the industrial and economic history of the world in the last ten years before a New York audience the other day in a way that cannot fail to arouse confidence in the future in the minds of all who heard or read his address. Very properly Mr. Mills laid quite as much stress upon the recovery of the Old World from the conditions following the war, as he did upon the amazing progress of the United States during the same period. He sees clearly that there can be no enduring progress or prosperity for one nation that is not shared by the world as a whole.

The prosperity of the United States, as manifested by constant elevation of the standard of living and the volume of production, contributes to the prosperity of other countries by enlarging the market for their products. The existence of depressed and unsettled communities like Russia or China today has its effect in depressing commercial conditions the world over. No nation in this twentieth century can live for itself alone.

How great has been the measure of recuperation in those countries which bore the brunt of the war is shown by these figures cited by Mr. Mills:

> The aggregate of world trade has grown from $43,000,000,000 in 1921—and that is in terms of 1921 dollars—to $68,000,000,000 in 1928. The foreign trade of the United States has grown from $7,000,000,000 to over $9,000,000,000; that of Great Britain from somewhat over $7,000,000,000 to almost $10,000,000,000; of France from about $4,000,000,000 to about $5,000,000,000; of Italy from about $1,000,000,000 to $2,000,000,000, and of Germany from $3,000,000,000 to over $6,000,000,000. In all of these countries budgets can, in general, be said to have been balanced, the gold standard or the gold exchange standard has been adopted, and their currencies stabilized.

Russia, alone among great nations, finds no place in this record of progress. It is interesting, by the way, to note that Italy, existing under a government which employs autocracy to serve the ends of capitalism—as Russia employs it to enforce Communism—is described by Mr. Mills as "at one time so well-nigh overwhelmed by social, political and economic disorder, and now an efficient, strong and orderly modern state."

The part the United States has played in contributing to this rehabilitation of Europe is not wholly that of a money lender—though both the Government and its citizens have advanced liberally from their surplus to meet foreign needs. But it is rather as a substantial customer, a lavish consumer of products of all sorts that the economic value of America to the world is demonstrated. It is quite true that the tariff is employed to make such foreign purchases difficult and costly, but it is equally true that despite the tariff the United States is Europe's best customer. The measure of its consumption of a limited number of staples is given in this paragraph of Mr. Mills's address:

> Examination of the consumption of most important ordinary commodities throws rather a striking light on what the purchasing power of the American people means in world economy. The population of the United States constitutes about 7 per cent of the total world population. Yet that 7 per cent consumes 48 per cent of the world's total production of coffee, 53 per cent of all of the tin, 56 per cent of the crude rubber, 21 per cent of the sugar, 72 per cent of the raw silk, 36 per cent of the coal, 42 per cent of the pig iron, 47 per cent of the copper, 69 per cent of the crude petroleum; and out of nearly 32,000,000 automobiles in use in the world on the first of January, 1929, 24,000,000 were to be found in these United States.

These figures deal in the main with raw materials, yet a statistical survey of the imports of manufactured goods would show the largeness of American consumption. It is because economic conditions, the wage scale and living standards in the United States are such as to encourage this high consumption of domestic as well as of foreign products that business in America has weathered two periods of depression in the last ten years, and is now emerging from the recession due to the stock market collapse with assured confidence in a prosperous tomorrow.

In the Wake of Peter the Great

ONE of the most impressive figures in Russian history is Tsar Peter the Great, who by methods which often savored of Asiatic despotism and ruthlessness brought into his backward country at least some of the external signs of Western civilization and technical progress. Peter, a restless giant in physical stature as well as in his reconstruction plans, was continually hurrying from one end of his vast realm to another, ordering new projects executed almost before he had conceived them, and always leaving in his trail a series of orders threatening with the most dire consequences anyone who might disobey or fail to carry out his commands.

Russia today is passing through a phase of ruthless, vigorous, sweeping innovation which is not unlike that of Peter the Great. The Bolshevist effort at reconstructing society affects, to be sure, a vastly larger number of people than were or could be touched by Peter's changes. But in the prescription of penalties for all who obstruct or fail to co-operate actively with the work of Socialist reconstruction Russia's Communist rulers are following closely in Peter's footsteps. One recent law, a regular draconic decree, establishes a maximum punishment of five years' imprisonment for persons found guilty of systematically manufacturing and selling goods that are of poor quality. The purpose of this law is, of course, to raise the standard of goods available, and it is likely to be greeted with a sigh of relief by Russian consumers. The prospects for the efficacy of the law, however, may be somewhat clouded by the fact that its strict enforcement would place an unduly large number of persons behind prison bars, whose sole offense was that of making or selling something that was not of the very finest quality. What would happen in any other country under such a regulation?

Other laws which are being hastily worked out hold to criminal responsibility the officials in the state lumber trusts who fail to carry out the promised programs of production and make it a legal offense for peasants to destroy their young cattle. This last practice has been especially prevalent among peasants who enter the collective farms.

The Supreme Economic Council, the body which directs the state industries, has issued between 500 and 600 orders, most of them peremptory and some of them threatening in tone, during the first three months of the Russian business year. Some time ago the Soviet Government promulgated a decree prescribing a 35 per cent increase in the harvest yield per acre during the next five years.

It remains to be seen whether drastic legislation will prove a stimulant to economic progress in Russia, or whether Communist leaders will find, as Peter did, that some of the difficulties with which Russia is confronted are rooted in objective circumstances which lie outside the sphere of legislation.

"O Say, Can You See—"

THE stirring strains of the "Star-Spangled Banner" never fail to sweep an American crowd to its feet in a thrill of enthusiasm. Those who have heard the dramatic tune of this song in some foreign land know what it can mean. It has, in fact, won such a place in American patriotic emotion that the bill before the Senate Judiciary Committee proposing that Congress make it the official national anthem may surprise thousands who have long thought it the official air. However, in spite of the fact that the petition backing the proposed bill bears nearly 5,000,000 signatures, and that a number of patriotic, civic and professional organizations, under the direction of Capt. Walter I. Joyce, commander-in-chief of the Veterans of Foreign Wars, have been pushing the presentation of the measure, any discussion of the place of this song in American national life brings forward, in addition to vigorous defenders, a host of sincere objectors.

That the anthem is practically impossible of creditable achievement for any but a trained voice is generally conceded. Lopping off the difficult notes and lowering the key, as has been proposed, has been declared a mere makeshift, and as such unfeasible, by many in musical circles; especially as much of the appeal of the tune lies in its amazing range. That the words are filled with the warlike fervor of an earlier time is another objection frequently offered. In the last few years the schools have largely turned to Katherine Lee Bates's "America the Beautiful" as a patriotic air, its words leaving nothing to be desired as far as prayerful national thought is concerned. Unfortunately, however, in spite of brave efforts, these beautiful verses still lack a tune that captures the popular imagination.

If the "Star-Spangled Banner" has shown itself these many years able to hold its place without official recognition, those who believe in it cannot be concerned about its losing this place. On the other hand, if there really is substance in the opinion that except for a fine tune a song expressing the higher and more modern vision of the United States actually exists, or that out of the new ideals of national service an even finer national song is bound to come, this is not the time in which to bind the United States to an official regulation that would be difficult to change. It is abundantly proved, certainly, that the "Star-Spangled Banner" can be played and loved, can thrill and inspire, as it has for 116 years, without being adopted officially.

Women at the Keyboard

WOMEN, by clear signs in the concert world, have set about to retake the position they lost a while ago in the realm of the piano. No longer awed by men who have managed to outmaneuver them in the quest for public favor, they are on the platform again, devoting themselves with new zeal to presenting the works of the clavier masters. In the full panoply of executant and interpreter, they are once more at the keyboard, determined to win back an acclaim formerly theirs.

Strange, perhaps, that after Mme. Carreño and Mme. Bloomfield-Zeisler, who held their own against Paderewski and Busoni, there should ensue a period when women retired rather far into the background. And still, a quite reasonable explanation offers itself. In the last ten years or so, the technique of piano playing has taken an extraordinary development in the way of speed. This may be attributed to the influence of the mechanism known as the player-piano, or it may be accounted for in improvements of manufacture that make piano-action lighter under the artist's hand, levers and hammers more quickly responsive to the touch of his finger. But at any rate, the men—Friedman and Bachaus, to mention a couple of notable ones—have brought performance to a pace that without doubt exceeds anything the old composers ever fancied; while the women have kept on as before, or else have stopped and waited until the enthusiasm for rapidity should wear out and the fashion for it should pass.

Now the women seem to be venturing back, their minds, by every showing, made up as to how they shall address their listeners. Miss Katharine Goodson, to name a British pianist, and Miss Denyse Molié, to name a French one, are defending the feminine side of the question just now in the United States, Miss Goodson through the medium of the standard and accepted repertory, and Miss Molié through that, more particularly, of pieces of recent date and modern style. Possibly the decline which the piano is said to have suffered as an instrument of popular study may be referred to fast playing which only technicians of the most exhaustive training could achieve. In all promise, the women, replacing swiftness with sentiment, may do a good deal to restore it to its honored place in the social and the domestic scheme.

Up to the United States

IT IS inescapable that before completing its valuable work the naval conference must answer in one way or another the demand of France and Italy for some further guarantee of their security. These nations maintain navies smaller than either Great Britain, the United States or Japan, and it is understandable that they should be desirous that every possible step be taken to insure them against aggression.

Happily, the London conference offers an ideal opportunity for taking such a further step in a way which will at once add to the security of the smaller nations and improve the prospects of substantial naval reduction. That step, as has already been emphasized in these columns, is the development of a treaty in which the five powers represented at London will agree to confer with one another in the event of a threatened war.

The significant fact at the moment is that the official support of the American delegates is lacking in the growing movement to perfect such an agreement. This reluctance on the part of the Americans is not due to any inherent objection to the agreement, but rather to some apprehension as to how it would be received by the American Senate. For one, we are convinced that the American people would most certainly support such a minimum commitment in behalf of peace and that the Senate would find it both sound politics and sound statesmanship to give its ratification.

The time has come when the United States cannot afford to look with indifference upon the possible contingency of war, wherever it might occur and whatever might be its causes. War today, however remote, is not simply a menace of local concern or a threat only to neighboring nations; it is a menace to all nations, a threat both to their national security and to their economic well-being. The pith of this truth was well stated by Calvin Coolidge shortly before he retired from the Presidency. "An act of war in any part of the world," he said, "is an act which injures the interests of my country. Our interests all over the earth are such that a conflict anywhere would be enormously to our disadvantage."

The question today is not whether the nations shall take a mutual and positive action in preserving peace, but how best and along what lines such action can be directed.

The American Government has already lent its support to this highly useful method of consultation, as instanced first by the four-power Pacific treaty, and, secondly, by the action of Secretary Stimson in conferring with the principal world powers before invoking the Pact of Paris as one means of pacifying the Russo-Chinese outbreak in Manchuria.

The agreement embodied in the Pacific treaty providing consultation over any dispute which does not yield to peaceful settlement was one of the great achievements of the Washington disarmament conference of 1921. To apply this method of consultation to the naval treaty now being negotiated would be one of the great achievements of the London disarmament conference of 1930. Will not the American Government find support of this proposal dictated not only by an unselfish interest in world peace, but by the highly persuasive demands of economic self-interest?

Mackinaws and Monuments

MONUMENTS to cows have been erected. Why not to clothes? Canada is to honor the mackinaw jacket with a tablet at St. Joseph Island, Ont. Historians assert that this coat of many colors originated in 1812 when a military officer stationed at St. Joseph Fort forced Indian squaws to produce needed coats from gayly colored blankets. When the detachment moved to Mackinac Island the coats went with them. Hence their name.

Probably nothing has contributed more to winter sports than the mackinaw. Upholstered and ornamented with a mackinaw and shaggy woolen stockings, the veriest city novice will tackle a pair of untamed skis without other preparation or practice. But experience proves that a mackinaw is really no more evidence of prowess with these alleged modes of locomotion than are knickers proof of ability at golf. However, both reveal hidden and possibly unsuspected ambitions. Wearers of plus fours or mackinaws, when asked if they golf or ski, may say, "No"; yet they may add, hopefully and equally truthfully, "but I can't give it up."

The mackinaw is also one of men's greatest opportunities for emancipation from the bondage of conservatism in dress. The combinations and brilliance of colors are unlimited.

Editorial Notes

"The new little motor bonnets that look like the coal-scuttle hats of long ago are so very becoming that the style has been adopted by women who do not own machines," says the New York Herald Tribune in its column of twenty years ago. Has the style gone out of existence because there are not now enough women who do not own automobiles to adopt it?

Sixty-six policemen have been detailed to neighborhood work in New York City to help prevent young people from falling into evil ways. This may be the first step to further co-operation between the "corner cop" and some of his young antagonists of present times.

Well, it looks as if the Carnegie Foundation for the Advancement of Teaching could not accuse Harvard of subsidizing its scrubwomen.

The proposed "pay-as-you-go" plan may mean somewhat slower "progress" for Chicago, but everyone knows it will pay!

All honor to the groundhog, whether he did or didn't—we'll have plenty of some kind of weather, anyhow.

Three A. M. Pacific Standard Time

PAMELA opened the front door to greet me before I was halfway up the steps. She was looking a little distressed. "I've just learned," she said, "that the Russell's radio is out of order."

"That is too bad," I replied, hanging my raincoat over the back of a chair, and then added, "I've no doubt it can be repaired."

Pamela's tone was almost reproachful. "Have you forgotten," she said, "that King George is going to talk to us tonight? It seems that the Russells ought to hear him. They're English, you know."

There was silence for a few minutes. Pamela was evidently planning something. Presently she spoke. "Let's have a party," she said. "We will ask the Russells to come and listen in with us."

"Do you realize," said I, "that the King's speech will come over the radio between 2 and 3 a. m.? Do you propose to drag people from their beds at that untimely hour to come to a party?"

The fact that Pamela called the Russells on the telephone a few minutes later would seem to indicate my arguments against this sudden plan were not convincing. Also the further fact that the Russells responded so readily made me admit that the idea was a good one—for them.

* * *

"The whole family are coming," Pamela announced, and then, "I must make some cakes."

"I will go and see to the furnace," said I, "and we must have a blazing fire in the living room. It gets quite chilly around 2 or 3 in the morning.

We decided to snatch a few hours of rest. I set the alarm clock for a quarter to 2 and optimistically determined to make the most of those few hours. So far as I am concerned, it would have been more restful to go for a walk, for I wakened every fifteen minutes or so in half-conscious anticipation of that strident bell. It has been said that I was once discovered sound asleep on the floor, with the alarm clock rolled in the blankets beneath me in an apparent attempt to smother its stridence several hours before it was timed to explode.

However, we were wide awake and ready to welcome our friends by the time they arrived.

We gathered round the fire laughing a little. Outside the rain beat softly against the windows, and the eucalyptus trees stood like slender wraiths veiled in the gray mist that had crept in from the Pacific Ocean. With the exception of our house, not a light was showing in the street. The firelight played prettily on Pamela's old-fashioned cream pitcher, and the same glow fell upon the cups and saucers laid in readiness for our guests.

"Isn't this cozy?" said someone. "Just like a late November afternoon in London."

* * *

I went over to the radio and began to finger the dials. A band playing jazz music—a voice droning out some advertising matter. "Nothing yet," I said.

"You are quite sure you have the right station?" came an anxious inquiry.

"You know," said one of our guests, "I've never heard him speak." And nobody asked who she meant, for each one of us was thinking of the King 6000 miles away. As if happened, not one among us knew the sound of his voice, but most of us had seen him at some time or another.

"I saw him the day he was crowned," said Pamela. "My brother and I determined to see something of the procession, even if we could get no farther than to the outside of the crowd. We went as far as Westminster Bridge, I remember, and walked across, only to find ourselves confronted by a barricade, a high wooden screen erected to keep out all but the privileged ticket holders. It was so disappointing. We stood there not knowing what to do next. Then we heard a band in the distance and realized that the King and Queen were leaving the Abbey. It was too tantalizing, for we knew that they would soon be passing within a few yards of where we were standing.

"At this moment a gust of wind carried my broad-brimmed hat from my head to the feet of a policeman who stood on guard at the only opening in that unkind barrier. As he picked it up he saw me standing there. 'Come along, Missy,' he smiled, giving me my hat. 'You'll never see the King if you don't hurry.' And with that he literally put me through the aperture. My brother followed without waiting to be told. We saw the whole wonderful pageant, with the King and Queen riding in their state coach with all their regalia. It was like a fairy story come true. I have never forgotten it."

I was still playing with the dials of the radio. As Pamela finished speaking we heard the strains of "Rule Britannia" coming through. Then the music changed to "God Save the King," and we all rose with one accord and stood silently to the end. Some of the younger ones among us have learned to sing other words to that same tune, but whether the words which came to us were of the Old World or the New it mattered not, for each one realized we were on the threshold of a day radiant with the promise of an even closer bond between the nations.

* * *

The music ceased. We looked at the clock—3 a. m. Pacific standard time. We heard a voice announcing, "In a few moments you will be taken to the House of Lords, Westminster, London." Then a sound like heavy seas pounding. "Just to remind us," someone remarked, "that the Atlantic still lies between us and England." There seemed to be a great deal of static. Surely we were not going to be disappointed after all.

"Do you remember," I said, "how we used to wait patiently for hours just to catch a glimpse of him?" It did not seem necessary to say that I was thinking of the King. "And now we are waiting for his voice."

Then someone else spoke. "I remember," he said, "when he was visiting the colonies. He was Prince of Wales then. I was in Wellington, New Zealand. Many had waited all night in the pouring rain to see him pass. When at last the great moment came the quaint figure of a little old woman burst through the crowd. The feathers on her hat were wet and bedraggled. Rain dripped from the brim and ran trickling down her face and mingled with the tears that were falling from her eyes. 'There he is!' she cried, pushing her way to the front, and though her tears were flowing, her face shone with happiness. 'There's our own Prince, God bless him!' And I think we all felt the same way."

For some minutes nothing had been coming over the radio but discordant noises, then all at once it cleared and we were aware that the King's voice was coming through; coming through despite the stormy elements, coming over 6000 miles of land and sea. It seemed as though he had come into our midst and stood among us as a friend talking intimately, and we felt we had known him always.

G. C.

Letters to The Christian Science Monitor

Brief communications are welcomed, but The Christian Science Monitor Editorial Board must remain sole judge of their suitability, and this Board does not hold itself or this newspaper responsible for the facts or opinions presented. Anonymous letters are destroyed unread

The Parade of the Noncombatants

TO THE CHRISTIAN SCIENCE MONITOR:

It will be interesting to note what further developments take place in the agitation for a parade of 30,000,000 people throughout the country as a protest against prohibition.

Parades of this sort many times are met with counter parades from the ranks of those of opposing beliefs. In this case one's first thought would be, naturally; the avowed drys. But the sentiment of the drys has been broadcast so long and so earnestly that it is extremely doubtful if any parade they might sponsor with banners expressing their sentiments would sink very deeply into the consciousness of men who have hitherto been untouched by these same sentiments.

Let's give a little thought to a parade of noncombatants. Leave the drys out of it entirely.

The census of 1920 gives the number of children in the United States under the age of fourteen as in the neighborhood of 30,000,000, and the next census, about to be started, will add tremendously to those figures.

The whole history of liquor has shown conclusively that the ones who have had to bear the brunt of the hardships caused by drinking were the children—not only deprived of life's necessities, but seeing the staggering drunkards, oftentimes of their own family, come home in a maudlin, fighting mood, heaping vileness and abuse upon whoever crossed them.

Think for a moment of the sentiments that could be expressed on the banners that would be carried by these little ones. Such thoughts as "You Want the Laws to Be for the Good of the Many; We Are the Many"—another one, "We Are Too Young to Vote; You Protect Us With Yours"—yet another, "Help to Make Our Homes Safe and Decent for Us."

There is almost no limit to the things that could be said in their behalf, every one of them ringing with the truth, and every one of them a sermon that it would be well for the men in the ranks of the wets to heed, for these children are the potential citizens of the next decade and generation.

D. C. S.

Melrose, Mass.

The True American Spirit

TO THE CHRISTIAN SCIENCE MONITOR:

At the outset of his article on "How Prohibition Is Distorted Abroad," in the Monitor of January 9, Paul Hutchinson made an important statement of the American attitude on prohibition when he referred to "its readiness to subordinate the privileges of the individual to the welfare of the total social group." That readiness reveals not a little of the true American spirit—the nobility of self-sacrifice for the common good. This attitude of mind, which actuated the founders of the Federal Union when they were laying the foundations (1774-87) for our great Commonwealth, the United States, stands out wonderfully in the historical records of that great formative period. Here is the record of one incident which rises far above the ordinary:

After the Constitutional Convention of 1787 had finally agreed on all the provisions of the Federal Constitution, the convention passed a resolution (Sept. 17, 1787) to lay the complete document before Congress with certain recommendations. The resolution was accompanied by a letter—"By unanimous Order of the Convention," and signed by George Washington, president of the convention. These sections of the letter stand out with luminous dignity and influence:

"It is obviously impracticable in the federal government of these States to secure all rights of independent sovereignty to each, and yet provide for the interest and safety of all. Individuals entering into society must give up a share of liberty to preserve the rest. The magnitude of the sacrifice must depend as well on situation and circumstances as on the object to be obtained. It is at all times difficult to draw with precision the line between those rights which must be surrendered and those which may be reserved; and on the present occasion this difficulty was increased by a difference among the several states as to their situation, extent, habits and particular interests.

"In all our deliberations on this subject we kept steadily in our view that which appears to us the greatest interest of every true American, the consolidation of our Union, in which is involved our prosperity, felicity, safety, perhaps our national existence. This important consideration, seriously and deeply impressed on our minds, led each State in the Convention to be less rigid on points of inferior magnitude than might have been otherwise expected; and thus the Constitution which we now present is the result of a spirit of amity and of that mutual deference and concession which the peculiarity of our political situation rendered indispensable. . . . That it may promote the lasting welfare of that country so dear to us all, and secure her freedom and happiness, is our most ardent wish."

What a splendid animus!—"the greatest interest of every true American." Can the opponents of the Eighteenth Amendment to that same Constitution aver that they are under the same selfless animus today? Are they willing to let go of mere personal license (misnamed liberty) "to preserve the rest"? Let their animus and actions be put on the touchstone of the national idealism prevalent in 1774-1787, and see if there be any "spirit of amity" in the arguments and ways of the antiprohibition movement!

The arbitraments of peace will be more easily established when the laws of equal justice and opposition to evil are more commonly seen as the best friends of every citizen, the promoters of his security, peace and success. Were not these beneficent effects within the vision and intent of our national founders?

ERNEST C. MOSES.

Chicago, Ill.

I Do Not Choose—to Run

TO THE CHRISTIAN SCIENCE MONITOR:

When the words, "I do not choose to run" electrified America near the close of President Coolidge's term of office, there was an aptness about it that seemed to stir memories, and yet it might be newly minted.

Recently 150 of the alumni of Bates College, Lewiston, Me., now resident in southern California, met at the Hotel Alexandria for their banquet, and their thoughts naturally turned to the best known New Englander of the day and his exceeding aptness for impressive expression.

O. N. Hilton, dean of the alumni, and himself a graduate of 1873, said that a Yankee always wanted an authority for any statement of importance. That no doubt President Coolidge had a vivid and an abiding memory of Emerson's essay on "Spiritual Laws," in which the Sage of Concord gives his readers advice as to the language to use, where one desires to make an emphatic disclaimer, as distinguished from conscientious convictions, advice which he couches in these words:

> I say, *do not choose*; but that is a figure of speech by which I would distinguish what is commonly called *choice* among men . . . and not the whole act of the man.

Some of the Californians present as guests thought that Emerson referred to the brilliant minstrel man of the seventies, native to California, who wrote the song, "The Big Sun Flower That Nods and Bends in the Breezes," because the native son must find his authority for all things not farther east than Sacramento.

This moved Warren E. Libby to tell the following story of a New England boy's early contact with California. When he visited the big trees, to prove his statements as to size, he took a string, with a tack on one end, then circled the tree, and inclosed the string in his letter to the home people, saying that the string represented the circumference of the tree. In one place one could drive a coach and horses through the bole of the tree, in another a dancing platform was the stump of one of the giants.

That the letter was received back in North Billerica (no western man can pronounce the name correctly, as he can't twang it) the boy knew, but not a word could he get as to his story of the big trees. Many years later he revisited his old home; on the village common he saw a large circle that looked as if it might be a circus ring, and he was moved to ask concerning it. His guide then said, "Why, that is a memorial to the biggest liar that ever left Billerica. He went to California and wrote back about trees so big that you had to measure them with a string. He sent a long string, saying it was the circumference of a tree out there; so we took the string, laid out the circle, sodded it, and point it out to people to show how the West will make a feller lie."

CÆSAR A. ROBERTS.

Los Angeles, Calif.

The Fifteenth Amendment

TO THE CHRISTIAN SCIENCE MONITOR:

The wets often draw a comparison between the Fifteenth and Eighteenth Amendments. They say the Fifteenth is not enforced, and therefore the Eighteenth cannot be. But the Fifteenth Amendment is in force throughout three-fourths of the United States. It is only in about one-fourth of the states that it is evaded or defied.

Some particularly wet spots, especially the big cities, may continue to dodge and defy the liquor law for many years to come; but that need not keep the country as a whole from having the benefit of it.

ALICE STONE BLACKWELL.

Dorchester, Mass.